Cumulative Index 1984

Volume 14

Note: The volume year is in *italic* type.
Page numbers of symposium and article titles are in **boldface** type.

SYMPOSIA

January	UROGENITAL SURGERY
March	CAGED BIRD MEDICINE
May	DISORDERS OF THE FELINE LOWER URINARY TRACT
July	ENDOCRINOLOGY
September	ADVANCES IN FELINE MEDICINE I
November	ADVANCES IN FELINE MEDICINE II

Abdomen, compression of, in urinary tract radiography, *1984*: Jan., 32–33
fluid in, in urinary tract trauma, *1984*: Jan., 61–64, 66, 67
surgery for, of caged birds, *1984*: Mar., 374–378
testes in, *1984*: Jan., 109–110
castration for, *1984*: Jan., 111
wall of, hernia of, *1984*: Jan., 62, 63
Abdominocentesis, of caged birds, *1984*: Mar., 336–337
Abscess, of prostate, *1984*: Jan., 105
drainage for, *1984*: Jan., 107
Acetaminophen, antidotal therapy for, *1984*: Nov., 1351
toxicity of, *1984*: Nov., 1350–1351
Acid–base balance, cats and, *1984*: Nov., 1336–1337
feline obstructive uropathy and, *1984*: May, 692
hypoadrenocorticism and, *1984*: July, 756
of urine, and calculi formation, *1984*: Jan., 90–91
Acidemia, in urinary tract trauma, *1984*: Jan., 64
Acidosis, hypoadrenocorticism and, *1984*: July, 756, 763
shock and, *1984*: Nov., 1336
Acromegaly, in the dog, *1984*: July, **827–836**
clinical signs of, *1984*: July, 829–830
diagnosis of, *1984*: July, 830–833
growth hormone and, *1984*: July, 827–829
history of, *1984*: July, 829–830
treatment of, *1984*: July, 834
ACTH. See *Adrenocorticotropin*.
ACTH stimulation test, dexamethasone suppression and, *1984*: July, 742–743
hyperadrenocorticism and, *1984*: July, 737–738
hypoadrenocorticism and, *1984*: July, 758–759
Acute respiratory disease, of cats, *1984*: Sept., 1017
Adamantinoma, oral cavity and, cats and, *1984*: Nov., 1175
Addison's disease. See also *Hypoadrenocorticism*.
cats and, *1984*: Nov., 1257–1258
Adenocarcinoma, hypercalcemia and, *1984*: July, 894–896
of prostate, *1984*: Jan., 106
Adenoma, oral cavity and, cats and, *1984*: Nov., 1175
Adrenal gland, anatomy of, *1984*: July, 918
cancer of, hyperadrenocorticism and, *1984*: July, 732

Adrenal gland (*Continued*)
cortex, neoplasia of, *1984*: July, 732
medulla of effect of glucocorticoids on, *1984*: July, 724–725
Adrenocortical insufficiency. See *Hypoadrenocorticism*.
Adrenocorticotropin, cats and, *1984*: Nov., 1261–1263
plasma determination of, hyperadrenocorticism and, *1984*: July, 739
hypoadrenocorticism and, *1984*: July, 759–760
Advances in feline ophthalmology, *1984*: Nov., **1271–1288**
Aelurostrongylus abstrusus, *1984*: Sept., 1012–1015
Agonist–antagonists, renal excretion and, *1984*: Jan., 16
Air sacs, cytology of, of caged birds, *1984*: Mar., 334–336
Alanine aminotransferase, cats and, *1984*: Nov., 1204
serum, pancreatic disease and, *1984*: Nov., 1235
Albumin, liver disease and, *1984*: Nov., 1207
Alimentary tract, lymphosarcoma of, *1984*: Nov., 1308–1311
Alkaline phosphatase, cats and, *1984*: Nov., 1201
of caged birds, *1984*: Mar., 263
pancreatic disease and, *1984*: Nov., 1235
Allergic contact dermatitis, *1984*: Sept., 1073
Allograft, renal, *1984*: Jan., 135, 136
Alopecia, cats and, *1984*: Sept., 1077–1080
Ameloblastoma, oral cavity and, cats and, *1984*: Nov., 1175
Amino acid, essential, of cat, *1984*: Sept., 1108
Ammonia, blood, liver function and, *1984*: Nov., 1208–1209
Amylase, serum, pancreatic disease and, *1984*: Nov., 1233–1234
renal failure and, *1984*: Nov., 1234–1235
Amyloidosis, cats and, *1984*: Nov., 1255
clinical signs of, *1984*: Nov., 1257
diagnosis of, *1984*: Nov., 1258
pathology of, *1984*: Nov., 1257–1258
pathophysiology of, *1984*: Nov., 1256–1257
treatment of, *1984*: Nov., 1258
insulin and, *1984*: Nov., 1243
Analgesics, renal excretion and, *1984*: Jan., 16
selection of, in renal dysfunction, *1984*: Jan., 22–25
urinary tract, for cats, *1984*: May, 631
Anemia, causes of, of caged birds, *1984*: Mar., 233
feline obstructive uropathy and, *1984*: May, 692–693
hypoadrenocorticism and, *1984*: July, 755
nonregenerative, cats and, *1984*: Nov., 1207, 1340
hepatic lipidosis and, *1984*: Nov., 1211–1212
treatment of, cats and, *1984*: Nov., 1340
Anesthesia, for caged birds, *1984*: Mar., 370–371
for liver biopsy, of caged birds, *1984*: Mar., 291
Anesthetic agents, anticholinergic, *1984*: May, 695, 701
ataractic, *1984*: May, 695–696
dissociative agents, *1984*: May, 696
effect on kidney, *1984*: May, 694–695
for feline obstructive uropathy, *1984*: May, **691–702**
hypnotic, *1984*: May, 696–697
inhalation, *1984*: May, 697–698
kidney disease and, *1984*: May, 695
local, *1984*: May, 698
muscle relaxants, *1984*: May, 698
narcotic, *1984*: May, 696
neuroleptanalgesics, *1984*: May, 696
sedative, *1984*: May, 696–697
tranquilizers, *1984*: May, 695–696
endocrine disorders and, *1984*: July, **911–925**
renal excretion and, *1984*: Jan., 16–19
selection of, in renal dysfunction, *1984*: Jan., 22–25
Anestrus, in dog, *1984*: July, 934–935
Angiography, renal, technique of, *1984*: Jan., 32–34
Anisocytosis, of caged birds, *1984*: Mar., 258
Anorexia, cats and, *1984*: Nov., 1312
chronic, feline hepatic lipidosis and, *1984*: Nov., 1213–1214
hepatic lipidosis and, *1984*: Nov., 1211
Antiarrhythmic agents, in urogenital surgery, *1984*: Jan., 26
Antibacterial agents, *1984*: May, 630
Antibiotics, for caged birds, *1984*: Mar., 346–353
sensitivity testing of, in caged birds, *1984*: Mar., 277
for urinary tract disease, *1984*: May, 666–667
Antibody, cross–reaction of, FIPV and, *1984*: Sept., 975–976
Antibody testing, for coronavirus, in cats, *1984*: Sept., 963–966
Anticholinergic agents, *1984*: May, 695
renal excretion and, *1984*: Jan., 15
Anticholinesterase drugs, renal excretion and, *1984*: Jan., 20
selection of, in urogenital surgery, *1984*: Jan., 23–24

Antidiuretic hormone, cats and, *1984*: Nov., 1268–1269
glucocorticoids and, *1984*: July, 727–728
Antifungal agents, for caged birds, *1984*: Mar., 354–355
Antigens, membranous glomerulonephropathy and, *1984*: Nov., 1254–1255
transplantation and, *1984*: Jan., 135–136
urolith specific, *1984*: May, 449
Antihelmintics, for caged birds, *1984*: Mar., 356–358
Antiinflammatory agents, cats and, *1984*: May, 633
Antiseptics, urinary tract, cats and, *1984*: May, 630–631
Antispasmodics, smooth muscle, for cats, *1984*: May, 631–633
Antitumor therapy, feline lymphosarcoma and, *1984*: Nov., 1321–1324
Arginine, requirement of, of cat, *1984*: Sept., 1108
Ash, urolith formation and, *1984*: May, 520
Aspartate aminotransferase, cats and, *1984*: Nov., 1204
Aspirin, clinical use of, *1984*: Nov., 1349–1350
pharmacokinetics and metabolism of, *1984*: Nov., 1348
toxicity of, *1984*: Nov., 1350
Asthma, of cats, *1984*: Sept., 1016–1018
Ataractics, *1984*: May, 695–696
Atopy, *1984*: Sept., 1071–1072
Autoimmune skin disease, *1984*: Sept., 1073–1075
Autopsy, of caged birds, *1984*: Mar., 169–171
sensitivity testing of, procedures for, *1984*: Mar., **173–177**
Avian. See *Bird*.
Aviculture medicine, of psittacine birds, *1984*: Mar., **381–401**
Avipoxvirus, of caged birds, *1984*: Mar., 310–315
Axotemia, of cats, *1984*: May, 694
Azotemia, hypercalcemia and, *1984*: July, 902
hypoadrenocorticism and, *1984*: July, 755–756
in urinary tract trauma, *1984*: Jan., 64
of cats, *1984*: May, 694

Bacteria, diagnostic sample of, of caged birds, *1984*: Mar., 271–272
in urine, *1984*: Mar., 281
infection due to, of psittacine birds, *1984*: Mar., 394–395
sensitivity testing of, *1984*: Mar., 168
feline urologic syndrome and, *1984*: May, 429–430
Bacteriology, of caged birds, *1984*: Mar., 271–277
Bacteriuria, diagnosis of, collection of urine for, *1984*: Jan., 3–5
urine culture for, *1984*: Jan., 5
of cats, *1984*: May, 472–477
Barbiturates, renal excretion and, *1984*: Jan., 16, 18
Basophils, of caged birds, *1984*: Mar., 243–244, 253–256, 258
Behavior modification, of caged birds, *1984*: Mar., 186–187
Belladonna alkaloids, *1984*: May, 695
Benign prostatic hypertrophy (BPH), *1984*: Jan., 104–105
Benzodiazepines, renal excretion and, *1984*: Jan., 15–16
Benzyl alcohol, toxicity of, *1984*: Nov., 1352
Bile, sludging of, *1984*: Nov., 1221–1222
Bile acids, liver function and, *1984*: Nov., 1208
Bile duct, extrahepatic obstruction of, cats and, *1984*: Nov., 1225
Bile peritonitis, of caged birds, *1984*: Mar., 296
Bile pigment, cats and, *1984*: Nov., 1205–1207
Biliary cirrhosis, cats and, *1984*: Nov., 1220–1221
Bilirubin, metabolism of, cats and, *1984*: Nov., 1202–1203
of caged birds, *1984*: Mar., 281
serum, *1984*: Nov., 1205–1206
pancreatic disease and, *1984*: Nov., 1235
urine, *1984*: Nov., 1200–1206
Biopsy, needle. See *Needle biopsy*.
of bladder, *1984*: Jan., 9
of kidney. See *Renal biopsy*.
of prostate, *1984*: Jan., 12, 13
of testicles, *1984*: Jan., 110–112
of urethra, *1984*: Jan., 10
technique of, by catheter, *1984*: Jan., 9, 10
liver and, *1984*: Nov., 1203–1204
Bird, caged, medicine for, symposium on, *1984*: Mar., **147–401**
Bladder, of cats, diverticula of, *1984*: May, 628–630
management of hypotonic and atonic, *1984*: May, **641–647**
urinary, adhesions of, *1984*: Jan., 43
bacterial cystitis of, *1984*: Jan., 6
calculi in, *1984*: Jan., 43–44
catheterization of, *1984*: Jan., 4, 43
cystocentesis of, *1984*: Jan., 3–5, 43
cystometry for, *1984*: Jan., 9–10
cystotomy of, *1984*: Jan., 80–81, 83, 85
decompression of, in urinary tract trauma, *1984*: Jan., 68–69
diagnostic techniques for, *1984*: Jan., 9–10

Bladder (*Continued*)
urinary, diseases of, biopsy for, *1984*: Jan., 9
marsupialization of, *1984*: Jan., 68–69
radiography for, *1984*: Jan., 9
retrograde cystography of, *1984*: Jan., 33–34
surgery of, radiography following, *1984*: Jan., 43–46
traumatic injury to, treatment of, *1984*: Jan., 71–72
tumors of, *1984*: Jan., 44, 45
and urine diversion, *1984*: Jan., 124–129
Blastomycosis, of cats, *1984*: Sept., 995, 999–1001, 1009
Blood chemistry, normal values of, infection due to, of caged birds, *1984*: Mar., 254–255, 265–271
Blood, coagulation of, of caged birds, *1984*: Mar., 246–247
Blood transfusion, cats and, *1984*: Nov., 1340–1341
Blood urea nitrogen, of caged birds, *1984*: Mar., 264
Body fluid, cytology of, of caged birds, *1984*: Mar., 327–328
Bone, disease of, hypercalcemia and, *1984*: July, 898–899
glucocorticoids and, *1984*: July, 727
BPH (benign prostatic hypertrophy), *1984*: Jan., 104–105
Breeding, problems of, of psittacine birds, *1984*: Mar., 390–394
Bronchopulmonary disease, of cat. See also *Respiratory disease*.
clinical signs of, *1984*: Sept., 1007–1008
infectious, *1984*: Sept., 1008–1011
newer knowledge of, *1984*: Sept., **1007–1019**
radiography of, *1984*: Sept., 1008
Bulla osteitis, cats and, *1984*: Nov., 1181
Buphthalmos, cats and, *1984*: Nov., 1272
Bupivicaine, *1984*: May, 698
Butyrophenones, renal excretion and, *1984*: Jan., 16

Calcium, metabolism of, glucocorticoids and, *1984*: July, 727
pancreatic disease and, *1984*: Nov., 1236
requirement of, for cat, *1984*: Sept., 1109–1110
urolith formation and, *1984*: May, 517–520
value of, of caged birds, *1984*: Mar., 261
Calculus(i), in urinary tract. See also *Urolith(s)*.
struvite, control of, *1984*: Jan., 90
Calicivirus, *1984*: May, 504, 508
conjunctivitis and, *1984*: Nov., 1279
feline, acute infection of, *1984*: Nov., 1162–1163
carrier state of, *1984*: Nov., 1163–1165
characteristics of, *1984*: Nov., 1162
vaccine for, *1984*: Nov., 1161
Caloric need, of exotic cats, *1984*: Sept., 1108–1109
Cancer, hypercalcemia and, *1984*: July, 891–892
Candidiasis, of caged birds, *1984*: Mar., 278, 216
Capillaria, caged birds and, *1984*: Mar., 399
Carbohydrate, requirement of, of cat, *1984*: Sept., 1109
Cardiomyopathy, advances in feline, *1984*: Sept., **1021–1038**
definition of, *1984*: Sept., 1021
electrophysiologic mechanisms of, *1984*: Sept., 1021
hyperthyroidism and, *1984*: Sept., 1032–1034
of cats, advances in, *1984*: Sept., **1021–1038**
arterial thromboembolism and, *1984*: Sept., 1034–1035
congestive, *1984*: Sept., 1026–1031
dilated, *1984*: Sept., 1026–1031
excessive left ventricular moderator bands and, *1984*: Sept., 1032
historical perspective on, *1984*: Sept., 1022
hyperthyroidism and, *1984*: Sept., 1032–1034
hypertrophic, *1984*: Sept., 1022–1026
restrictive, *1984*: Sept., 1031, **1031**
Cardiopulmonary resuscitation, cats and, *1984*: Nov., 1333
Cardiovascular system, hyperadrenocorticism and, *1984*: July, 735
hyperthyroidism and, *1984*: July, 814–815
hypoglycemia and, *1984*: July, 880
pheochromocytoma and, *1984*: July, 774–775
Carrier state, feline viral disease and, *1984*: Nov., 1163–1165, 1166–1168
Castration, for abdominal testes, *1984*: Jan., 109–111
for BPH, *1984*: Jan., 106
Cat, adverse drug reactions in, *1984*: May, **703–709**
critical care medicine for, *1984*: Nov., **1331–1344**
diestrus of, *1984*: July, 938
dirofilariasis in, *1984*: Nov., **1185–1199**
endocrinopathies in, *1984*: Nov., **1261–1270**
estrous cycle of, *1984*: July, 935–938
estrus of, *1984*: July, 938

exotic, caloric needs of, *1984*: Sept., 1108–1109
congenital defects of, *1984*: Sept., 1113–1114
diet comparison of, *1984*: Sept., 1110–1112
dietary deficiencies of, *1984*: Sept., 1110
mineral requirements for, *1984*: Sept., 1109–1110
nutritional management and, *1984*: Sept., **1107–1116**
vitamins for, *1984*: Sept., 1109
water requirement of, *1984*: Sept., 1108
food for, dry type, *1984*: May, 520–522
mineral content of, *1984*: May, 652–653
heartworm disease in, *1984*: Nov., 1185–1199
hyperthyroidism of, *1984*: July, **809–826**
age and, *1984*: July, 811
anesthetic and surgical management of, *1984*: July, 914–917
apathetic, *1984*: July, 815
breed and, *1984*: July, 811
causes of, *1984*: July, 809
clinical signs of, *1984*: July, 811–815
drug therapy for, *1984*: July, 824–825
laboratory findings in, *1984*: July, 815–818
masked, *1984*: July, 815
pathogenesis of, *1984*: July, 811
radionuclide tests of, *1984*: July, 818–820
sex and, *1984*: July, 811
surgery for, *1984*: July, 821–824
treatment of, *1984*: July, 821–825
idiosyncracies of drug metabolism in, *1984*: Nov., **1345–1354**
lymphosarcoma of, *1984*: Nov., **1299–1330**
male, electromyographic and urethral profilometry in, *1984*: May, **567–574**
muscle relaxants for, *1984*: May, 591–592
nondomestic, bacterial disease of, *1984*: Sept., 1089–1092
fungal disease of, *1984*: Sept., 1092–1093
infectious disease of, *1984*: Sept., **1089–1096**
parasite disease of, *1984*: Sept., 1101–1103
viral disease of, *1984*: Sept., 1093–1100
vaccination for, *1984*: Sept., 1100–1101
obstructive uropathy of, anesthetic agents for, *1984*: May, **691–702**
oral, pharyngeal, and upper respiratory conditions in, *1984*: Nov., **1173–1184**
primary renal diseases of, *1984*: Nov., **1247–1260**
proestrus of, *1984*: July, 937
trauma to, *1984*: Nov., **1331–1344**
urethra plugs of, *1984*: May, 411–416
urethral obstruction of, *1984*: May, 420–424
uroliths of, *1984*: May, 416–419, **439–454**
urologic syndrome of, *1984*: May, See *Feline urologic syndrome.*
vaginal cytology of, *1984*: July, 943
viral respiratory disease, *1984*: Nov., **1161–1172**
zoonotic diseases of, *1984*: Sept., **1117–1151**
Cat–scratch disease, clinical manifestations of, *1984*: Sept., 1118
diagnosis of, *1984*: Sept., 1118–1120
Cataract, cats and, *1984*: Nov., 1284
Catecholamines, action of, *1984*: July, 770–771
degradation of, *1984*: July, 769–770
effect of glucocorticoids on, *1984*: July, 724–725
synthesis of, *1984*: July, 767–769
Catheterization, in urinary tract trauma, *1984*: Jan., 63
methodology for, *1984*: Jan., 4
of cats, potential complications of, *1984*: May, 600–601
radiography following, *1984*: Jan., 43
Catheter, cystostomy, for bladder decompression, *1984*: Jan., 68–69
dialysis, for intra–abdominal fluid, *1984*: Jan., 62–63, 67–68
in bladder biopsies, *1984*: Jan., 9
in urethral biopsies, *1984*: Jan., 10
urinary, for cats, complication detection with, *1984*: May, 605–606
contraindications for, *1984*: May, 601–602
indication for, *1984*: May, 601
minimizing complications of, *1984*: May, 602–605
use and misuse of indwelling, *1984*: May, **599–608**
Cell membrane antigen, feline leukemia virus and, *1984*: Sept., 1140–1141
Central nervous system, feline infectious peritonitis and, *1984*: Nov., 1296
lymphosarcoma of, *1984*: Nov., 1314–1316
spontaneous tumors of, cats and, *1984*: Nov., 1289–1293
Chediak–Higashi syndrome, cats and, *1984*: Nov., 1286
Chemotherapy, oropharyngeal tumors and, *1984*: Nov., 1176
Cheyletiellosis, *1984*: Sept., 1068
Chlamydia psittaci, infection due to, in caged birds, *1984*: Mar., 201–221
Chlamydia trachomatic, *1984*: Mar., 203–204

Chlamydiosis, carrier of, *1984*: Mar., 205–206
characteristics of, *1984*: Mar., 203–204
clinical features of, *1984*: Mar., 206–215
diagnosis of, *1984*: Mar., 206–215
immunity to, *1984*: Mar., 220
of psittacine birds, *1984*: Mar., 395–396
pathogenesis of, *1984*: Mar., 204–205
public health and, *1984*: Mar., 220–221
source of, *1984*: Mar., 201–203
therapy for, *1984*: Mar., 215–220
transmission of, *1984*: Mar., 204
update on, *1984*: Mar., **201–221**
Cholangiohepatitis, chronic nonsuppurative, cats and, *1984*: Nov., 1219
suppurative, cats and, *1984*: Nov., 1218–1219
Cholangiohepatitis complex, cats and, *1984*: Nov., 1244
classification of, *1984*: Nov., 1217–1221
complications of, *1984*: Nov., 1221–1222
Cholangitis, cats and, *1984*: Nov., 1244
suppurative, cats and, *1984*: Nov., 1218–1219
Cholelithiasis, cats and, *1984*: Nov., 1286
Cholesterol, of caged birds, *1984*: Mar., 265
Chorioretinitis, cats and, *1984*: Nov., 1286
Chromosomes, in sex determination, *1984*: Jan., 57
Cirrhosis, cats and, *1984*: Nov., 1220–1221
Clinical experience, with caged birds, *1984*: Mar., **249–286**
Clitorectomy, intersexuality and, *1984*: Jan., 57–59
Clitoris, amputation of, *1984*: Jan., 57–59
enlarged, and intersexuality, *1984*: Jan., 57–59
Cloaca, cytology of, of caged birds, *1984*: Mar., 331–332
Coagulation, liver disease and, *1984*: Nov., 1208
Coagulopathy, feline infectious peritonitis and, *1984*: Sept., 975
Coccida, caged birds and, *1984*: Mar., 399
Coccidioidomycosis, of cats, *1984*: Sept., 995, 999–1001
Cockatoo beak, *1984*: Mar., 195–198
Colloid solution, shock therapy and, *1984*: Nov., 1341
Colon, diversion of urine into, *1984*: Jan., 124–129
Coma, nonketotic hyperosmolar diabetic, *1984*: July, 860
Congestive cardiomyopathy, clinical manifestations of, *1984*: Sept., 1026–1027
etiology of, *1984*: Sept., 1026
treatment of, *1984*: Sept., 1028–1031
Congestive heart failure, hypoglycemia and, *1984*: July, 880
of cats, *1984*: Sept., 1022
Conjunctiva, cytology of, of caged birds, *1984*: Mar., 337–338
diseases of, cats and, *1984*: Nov., 1278–1280
Conjunctivitis, cats and, *1984*: Nov., 1278–1280
Contact dermatitis, allergic, *1984*: Sept., 1073
Contamination, of urine samples, by catheterization, *1984*: Jan., 4
by cystocentesis, *1984*: Jan., 3–4
by midstream urine, *1984*: Jan., 4–5
Cornea, cytology of, of caged birds, *1984*: Mar., 337–338
diseases of, cats and, *1984*: Nov., 1280–1282
Coronaviral vasculitis, immune–mediated, *1984*: Sept., **971–984**
Coronavirus, feline, infectious peritonitis due to, *1984*: Sept., 971–972
serodiagnostic aids and management practice for, *1984*: Sept., **955–969**
susceptibility to, *1984*: Sept., 961–962
Cortisol, cats and, *1984*: Nov., 1262
hypothalamic–pituitary–adrenocortical axis and, *1984*: July, 721
Creatinine, levels of, in urinary tract trauma, *1984*: Jan., 64
of caged birds, *1984*: Mar., 263
Creatinine phosphokinase, of caged birds, *1984*: Mar., 263
Critical care medicine, feline, *1984*: Nov., **1331–1344**
Crop, cytology of, of caged birds, *1984*: Mar., 328–331
Cryptococcus neoformans, *1984*: Mar., 278
Cryptorchidism, castration for, *1984*: Jan., 111
diagnosis of, *1984*: Jan., 109–110
Crytococcosis, of cats, *1984*: Sept., 995, 999–1001
diagnosis of, *1984*: Sept., 996–998
prognosis of, *1984*: Sept., 999
public health considerations of, *1984*: Sept., 999
treatment of, *1984*: Sept., 998–999
Culture, urine, collection of sample for, *1984*: Jan., 3–5
Curecal–feline, *1984*: May, 668
Cushing's syndrome. See also *Hyperadrenocorticism.*
cats and, *1984*: Nov., 1261–1263
Cyclohexylamines, renal excretion and, *1984*: Jan., 18
Cyclophosphamide, feline lymphosarcoma and, *1984*: Nov., 1322–1323
Cyst, of prostate, *1984*: Jan., 105
Cystectomy, radiography following, *1984*: Jan., 43–44
Cystine, calculi of, control of, *1984*: Jan., 91

Cystitis, bacterial differential diagnosis of, *1984*: Jan., 6
following perineal urethrostomy, *1984*: Jan., 99–100
Cystocentesis, diagnostic vs. therapeutic, *1984*: May, 587
equipment for, *1984*: May, 587
for bladder decompression, *1984*: Jan., 68–69
for feline urethra obstruction, *1984*: May, 587–590
in urinary tract trauma, *1984*: Jan., 63
methodology for, *1984*: Jan., 3–4
percutaneous, radiography following, *1984*: Jan., 43
site for, *1984*: May, 588–589
technique for, *1984*: May, 589–590
Cystography, retrograde, for bladder leak, *1984*: Jan., 43–44
for bladder tumor, *1984*: Jan., 44, 45
of bladder, *1984*: Jan., 33–34
in urinary tract trauma, *1984*: Jan., 65–66
Cystometry, for bladder diseases, *1984*: Jan., 9–10
Cystostomy, for urine diversion, *1984*: Jan., 129–130
tube, *1984*: Jan., 129
for urethral obstruction, *1984*: Jan., 80–81
tubeless, *1984*: Jan., 130
Cystotomy, for ectopic ureter, *1984*: Jan., 54, 56
for feline urethral obstruction, *1984*: May, 679
for urethral obstruction, *1984*: Jan., 83, 85, 88
radiography following, *1984*: Jan., 43–44
Cystourethrography, of feline urethra obstruction, *1984*: May, 564–566
Cysts, feather, of caged birds, *1984*: Mar., 194–195
Cytauxzoonosis, nondomestic cats and, *1984*: Sept., 1102
Cytology, of caged birds, *1984*: Mar., **317–344**. See also specific organ.
interpretation of, *1984*: Mar., 320–323
sampling techniques for, *1984*: Mar., 318–320
Cytosine arabinoside, feline lymphosarcoma and, *1984*: Nov., 1323
Cytotoxic agent, feline lymphosarcoma and, *1984*: Nov., 1321–1324
complications of, *1984*: Nov., 1324–1325

Dacryocystitis, cats and, *1984*: Nov., 1278
Dehydration, excretory urography and, *1984*: Jan., 66
in urinary tract trauma, *1984*: Jan., 64, 66
correction of, *1984*: Jan., 68
prevention of, following relief of urethral obstruction, *1984*: Jan., 81–82
Dermatology, feline, *1984*: Sept., **1065–1087**
Dermatophytosis, *1984*: Sept., 1068–1069
Dermatoses, allergy and, *1984*: Sept., 1069–1073
due to fungus, *1984*: Sept., 1068–1069
due to parasites, *1984*: Sept., 1067–1068
Dermodicosis, *1984*: Sept., 1067
Dexamethasone suppression test, for hyperadrenocorticism
ACTH stimulation test and, *1984*: July, 742–743
high–dose, *1984*: July, 740–742
low–dose, *1984*: July, 738
Diabetes insipidus, cats and, *1984*: Nov., 1268–1269
Diabetes mellitus, anesthetic and surgical management of, *1984*: July, 911–913
and other endocrine disorders, *1984*: July, **837–858**
classification of, *1984*: July, 860
in man, *1984*: July, 837–839
current concepts on the control of, *1984*: July, **859–872**
definition of, *1984*: July, 859
diagnosis of, *1984*: July, 860
dietary control of, *1984*: July, 861–862
growth hormone and, *1984*: July, 840–850
home monitoring of, *1984*: July, 868–869
hyperadrenocorticism and, *1984*: July, 851–855
hyperthyroidism and, *1984*: July, 856
insulin therapy for, *1984*: July, 862
failure of, *1984*: July, 866–867
initial, *1984*: July, 863–865
maintenance, *1984*: July, 865–868
juvenile onset of, *1984*: July, 839–840
oral hypoglycemics for, *1984*: July, 861–862
outpatient monitoring of, *1984*: July, 869–870
ovariohysterectomy and, *1984*: July, 846
pheochromocytoma and, *1984*: July, 855–856
therapy for, *1984*: July, 861–870
types of, in dogs, *1984*: July, 839–840
cats and, *1984*: Nov., 1265–1268
diagnosis of, *1984*: Nov., 1294
hepatic lipidosis and, *1984*: Nov., 1210, 1214–1215
of caged birds, *1984*: Mar., 259–260
Diabetic polyneuropathy, cats and, *1984*: Nov., 1293–1295
Diagnostic cytology, in avian medicine, *1984*: Mar., **317–344**
Diagnostic samples, of caged birds
interpretation of, *1984*: Mar., 171

Diagnostic samples (*Continued*)
laboratory submission of, *1984*: Mar., **165–172**
processing of, *1984*: Mar., 166–169
Diazepam, *1984*: May, 696
renal excretion and, *1984*: Jan., 15, 17
Diestrus, in cat, *1984*: July, 938
in dog, *1984*: July, 933–934
Diet, diabetes mellitus and, *1984*: July, 861–862
hypoglycemia and, *1984*: July, 878
feline urologic syndrome and, *1984*: May, 424–426
high magnesium, *1984*: May, 535
induced feline urethral obstruction, *1984*: May, **529–536**
for caged birds, *1984*: Mar., 153–154
feather disorders and, *1984*: Mar., 179–180, 188–189
of psittacine birds, *1984*: Mar., 382–383
Differential blood count, of caged birds, *1984*: Mar., 253–257
Digoxin, use in cats, *1984*: Nov., 1352–1353
Dilated cardiomyopathy, clinical manifestations of, *1984*: Sept., 1026–1027
etiology of, *1984*: Sept., 1026
treatment of, *1984*: Sept., 1028–1031
Dimethyl–sulfoxide, *1984*: May, 633–634
Dirofilariasis, feline, clinical presentation of, *1984*: Nov., 1188–1190
clinical pathology of, *1984*: Nov., 1190–1191
differential diagnosis of, *1984*: Nov., 1195–1196
electrocardiography in, *1984*: Nov., 1192
physical examination in, *1984*: Nov., 1190
radiology in, *1984*: Nov., 1192–1195
serology in, *1984*: Nov., 1191–1192
tracheal cytology in, *1984*: Nov., 1195
treatment of, *1984*: Nov., 1196–1198
Disease, prevention of, in bird hospital, *1984*: Mar., 155–156
Diuretics, in urogenital surgery, *1984*: Jan., 26
DL–A (dog leukocyte antigens), *1984*: Jan., 135, 136
Dog, acromegaly in, *1984*: July, **827–836**
anestrus of, *1984*: July, 934–935
diestrus of, *1984*: July, 933–934
endocrine function in, effects of glucocorticoids on, *1984*: July, **721–730**
estrous cycle of, *1984*: July, 927–935
definition of, *1984*: July, 927–928
puberty and, *1984*: July, 928–929
estrus of, *1984*: July, 929–933
hyperadrenocorticism of, *1984*: July, *731–749*
hypercalcemia of, *1984*: July, **891–910**
hypoglycemia and, clinical signs of, *1984*: July, 829–830
diagnosis of, *1984*: July, 830–833
growth hormone and, *1984*: July, 827–829
history of, *1984*: July, 829–830
treatment of, *1984*: July, 834
hypothyroidism of, *1984*: July, 783
pheochromocytoma in, *1984*: July, **767–782**
proestrus of, *1984*: July, 929
rabies vaccine for, *1984*: Sept., 1126
thyroid function tests in, *1984*: July, **783–808**
vaginal cytology of, *1984*: July, 938–943
Dog leukocyte antigens (DL–A), *1984*: Jan., 135, 136
Droperidol, *1984*: May, 696
renal excretion and, *1984*: Jan., 16, 17(t)
Drug metabolism, in cats
idiosyncracies of, *1984*: Nov., **1345–1354**
therapeutic extrapolation of, *1984*: Nov., 1345–1346
variable disposition of, *1984*: Nov., 1346
Drugs, adverse reactions to, *1984*: May, 703–704
anesthetic. See *Anesthetic agents*.
anticholinergic, *1984*: May, 695, 701
ataractic, *1984*: May, 695–696
bacteriostatic vs. bactericidal, *1984*: May, 623–624
disposition of, feline obstructive urethropathy and, *1984*: May, 705–708
dissociative agents, *1984*: May, 696
hepatoxicity of, *1984*: Nov., 1223–1224
hypnotic, *1984*: May, 696–697
–induced feline urethral obstruction, in feline urethral obstruction, *1984*: May, **703–709**
inhalation, *1984*: May, 697–698
local, *1984*: May, 698
metabolism of. See *Drug metabolism*.
muscle relaxants, *1984*: May, 698
narcotic, *1984*: May, 696
neuroleptanalgesics, *1984*: May, 696
pharmacologic activity of, feline obstructive urethropathy and, *1984*: May, 705–708
sedative, *1984*: May, 696–697
tranquilizers, *1984*: May, 695–696
Dyspnea, of cats, *1984*: Sept., 1007

Ectoparasitism, of caged birds, *1984*: Mar., 282–283
Electrocardiography, feline dirofilariasis and, *1984*: Nov., 1192
hypoadrenocorticism and, *1984*: July, 757–758
Electrolytes, serum, hypoadrenocorticism and, *1984*: July, 756–757, 762–763

Electromyography, of urethra
case reports, *1984*: May, 570–573
clinical application in male cats, *1984*: May, **567–574**
procedure for, *1984*: May, 568–570
Electrosurgery, for caged birds, *1984*: Mar., 367–369
ELISA test, *1984*: Sept., 963–965
Emotions, of caged birds, feather disorders and, *1984*: Mar., 184–187
Encephalopathy, hepatic lipidosis and, *1984*: Nov., 1212–1213
liver in, *1984*: Nov., 1222
Endocrine system, disorders of, anesthetic and surgical management of, *1984*: July, **911–925**
feline hepatic lipidosis and, *1984*: Nov., 1214–1215
Endocrinology, symposium on, *1984*: July, **721–946**
Endocrinopathy, cats and, *1984*: Nov., **1261–1270**
Endomyocardium, fibrosis of, *1984*: Sept., 1022
Endotoxic shock, cats and, *1984*: Nov., 1335–1336
Energy, requirement of, of cat, *1984*: Sept., 1108
Enflurane, *1984*: May, 697, 701
Enteritis, coranavirus and, of cats, *1984*: Sept., 972
feline coronavirus and, *1984*: Sept., 961
FIPV and, *1984*: Sept., 973
Entropion, *1984*: Nov., 1273–1274
Eosinophilic granuloma complex, *1984*: Sept., 1080
Eosinophils, of caged birds, *1984*: Mar., 242–243, 253
Episiotomy, for mild stricture, *1984*: Jan., 118
in clitorectomy procedure, *1984*: Jan., 57, 58
technique of, *1984*: Jan., 116–117
Epispadias, *1984*: Jan., 49–51
Epulis, peridontal fibromatous type of, cats and, *1984*: Nov., 1175
Erythrocytes, of caged birds, *1984*: Mar., 228–235
of psittacine birds, evaluation of, *1984*: Mar., 233–235
Erythroid series, of caged birds, *1984*: Mar., 230
Escherichia coli, prostatic abscess due to, *1984*: Jan., 105
Esophagus, cytology of, of caged birds, *1984*: Mar., 328–331
lymphosarcoma of, *1984*: Nov., 1304–1307
Estrus, in cat, *1984*: July, 938
in dog, *1984*: July, 929–933
vaginal hyperplasia and, *1984*: Jan., 118, 119
Ethanol, hypoglycemia and, *1984*: July, 879
Euglycemia, maintenance of, *1984*: July, 877
Eurytrema procyonis, cats and, *1984*: Nov., 1242–1243
Exophthalmos, cats and, *1984*: Nov., 1271–1272
Eye, lymphosarcoma of, *1984*: Nov., 1317
Eyelid, congenital defects of, *1984*: Nov., 1273
diseases of, cats and, *1984*: Nov., 1273–1275
squamous cell carcinoma of, *1984*: Nov., 1274–1275
third, complications of, *1984*: Nov., 1275–1277

Falx cerebri, meningioma of, cats and, *1984*: Nov., 1290–1291
Fat, requirement of, of cat, *1984*: Sept., 1109
Fatty liver, cats and, *1984*: Nov., 1210
causes of, *1984*: Nov., 1213–1215
encephalopathy and, *1984*: Nov., 1212–1213
histopathology of, *1984*: Nov., 1212
lipid metabolism and, *1984*: Nov., 1213
pathogenesis of, *1984*: Nov., 1211–1212
treatment of, *1984*: Nov., 1214–1215
Feather. See also specific types.
cysts and, *1984*: Mar., 194
differential diagnosis of, *1984*: Mar., 198
disorders of, *1984*: Mar., **179–199**
feeding and, *1984*: Mar., 179–180
folliculitis and, *1984*: Mar., 193
genetics and, *1984*: Mar., 187–188
grooming and, *1984*: Mar., 180–181
hormones and, *1984*: Mar., 191–193
housing and, *1984*: Mar., 180
husbandry and, *1984*: Mar., 179–181
internal conditions and, *1984*: Mar., 189–191
malnutrition and, *1984*: Mar., 188–189
parasites and, *1984*: Mar., 198
physiology and, *1984*: Mar., 181–184
preening and, *1984*: Mar., 193–194
psychological factors and, *1984*: Mar., 184–187
species' tendencies to, *1984*: Mar., 187–188
surgery for, of caged birds, *1984*: Mar., 378–379
Feather syndrome, *1984*: Mar., 195–198
Felidae, exotic, nutritional management and, *1984*: Sept., **1107–1116**
Feline amyloidosis, clinical signs of, *1984*: Nov., 1257
diagnosis of, *1984*: Nov., 1258
pathology of, *1984*: Nov., 1257–1258
pathophysiology of, *1984*: Nov., 1256–1257
treatment of, *1984*: Nov., 1258

Feline coronaviral vasculitis, clinical manifestations of, *1984*: Sept., 976–982
diagnosis of, *1984*: Sept., 982
pathogenesis of, *1984*: Sept., 972–976
prophylaxis of, *1984*: Sept., 983
treatment of, *1984*: Sept., 982–983
Feline dermatology, *1984*: Sept., **1065–1087**
Feline dirofilariasis, *1984*: Nov., **1185–1199**
Feline endocrinopathy, *1984*: Nov., **1261–1270**
Feline enteric coronavirus, *1984*: Sept., 972
vs. FIPV, *1984*: Sept., 972
Feline hepatic disease, *1984*: Nov., **1201–1230**
Feline infectious peritonitis, *1984*: Sept., **971–984**, Nov., 1295–1297
amyloidosis and, *1984*: Nov., 1256
clinical manifestations of, *1984*: Sept., 976–982
control of, *1984*: Sept., 966–967
coranovirus antibody negative cases of, *1984*: Sept., 966
diagnosis of, *1984*: Sept., 963, 982
dissemination of, *1984*: Sept., 973–974
effusive form of, *1984*: Sept., 977–978
histopathologic confirmation of, *1984*: Sept., 964
neurologic manifestations of, *1984*: Sept., 980–981
noneffusive form of, *1984*: Sept., 978–980
occular manifestations of, *1984*: Sept., 980
pathogenesis of, *1984*: Sept., 972–976
prophylaxis of, *1984*: Sept., 983
treatment of, *1984*: Sept., 982–983
Feline leukemia virus (FeLV), *1984*: Sept., 1133–1134
control of, *1984*: Sept., 959–960
epidemiologic studies of, in man, *1984*: Sept., 1138–1139
general recommendations for, *1984*: Sept., 1142–1144
glomerulonephropathy and, *1984*: Nov., 1254
immunosuppression of, *1984*: Sept., 1141–1142
latency problem of, *1984*: Sept., 960–961
lymphosarcoma and, *1984*: Nov., 1300
negative tumors and, *1984*: Sept., 1140–1141
oncogenicity potential in man, *1984*: Sept., 1138–1140
human epidemiologic sutdies of, *1984*: Sept., 1138–1139
seroepidemiologic studies of, *1984*: Sept., 1139–1140
prognosis of, *1984*: Sept., 1143, Nov., 1301–1302
serodiagnostic aids for, *1984*: Sept., 957–959
seroepidemiologic studies of, in man, *1984*: Sept., 1138–1140
structural components of, immunogenic significance of, *1984*: Sept., 956–957, 962
structure of, *1984*: Sept., 1135–1136
transmission of, *1984*: Sept., 957, 962
trans-species infectivity of, *1984*: Sept., 1134–1136
trans-species oncogenicity of, *1984*: Sept., 1136–1137
zoonotic aspects of, *1984*: Sept., 1134
Feline lymphosarcoma, management of, *1984*: Nov., **1299–1330**
Feline medicine, symposium on advances in, *1984*: Sept., **955–1151**, Nov., **1161–1354**
Feline neurology, *1984*: Nov., **1289–1298**
Feline ophthalmology, advances in, *1984*: Nov., **1271–1288**
Feline pancreatic disease, *1984*: Nov., **1231–1246**
Feline retrovirus infection, serodiagnostic aids for, *1984*: Sept., **955–969**
Feline sarcoma virus, malignant transformation of, *1984*: Sept., 1133
trans-species oncogenicity of, *1984*: Sept., 1136–1137
Feline trauma and critical care medicine, *1984*: Nov., **1331–1344**
Feline urolithiasis syndrome, *1984*: Jan., 93–94
perineal urethrostomy for, cystitis following, *1984*: Jan., 99–100
hemorrhage following, *1984*: Jan., 98
mortality following, *1984*: Jan., 100–101
ruptures following, *1984*: Jan., 98–99
stricture following, *1984*: Jan., 97–98
technique of, *1984*: Jan., 94–97
wound dehiscence following, *1984*: Jan., 100
Feline urologic syndrome, activity and, *1984*: May, 463
adverse drug reactions in, *1984*: May, 703–704
age and, *1984*: May, 462
bacteria and, *1984*: May, 429–430
biologic behavior of, *1984*: May, 430–432
body weight and, *1984*: May, 463
breed and, *1984*: May, 462
casual factors in, *1984*: May, 457–459
cell-associated herpes virus induction of, *1984*: May, **493–502**
specific-pathogen-free experiments of, *1984*: May, 495–497
transmission studies of, *1984*: May, 497–499
definition of, *1984*: May, 459–460, 661
diagnosis of, *1984*: May, **575–583**

diet and, *1984*: May, 424–426, 464–465, 499
epidemiologic studies of, purposes of, *1984*: May, 456–457
results of, *1984*: May, 460–462
risk factors in, *1984*: May, 462–467
vs. laboratory and clinical studies, *1984*: May, 455–456
epidemiology of, *1984*: May, **455–469**
experimental investigation of, *1984*: May, 505–508
fluid intake and, *1984*: May, 465
frequency of, *1984*: May, 460–461
geographical variation of, *1984*: May, 462
herpes virus and, *1984*: May, **493–502**, 504–509
heterogeneous cause hypothesis of, *1984*: May, 433–435
medical prophylaxis of, *1984*: May, 661–663
mortality of, *1984*: May, 461
multiple cat households and, *1984*: May, 463–464
mycoplasma and, *1984*: May, 427–429
neutering and, *1984*: May, 462–463
pathology of, *1984*: May, 541–552
pathophysiology of, *1984*: May, 703–704
problem–specific data base for, *1984*: May, 578–579
algorithms for, *1984*: May, 579–583
prophylaxis of, *1984*: May, 535
recurrence of, *1984*: May, 461
redefinition of, *1984*: May, **409–438**
risk factor interaction of, *1984*: May, 465–467
role of infectious agents in, *1984*: May, **503–511**
sex and, *1984*: May, 462
symposium on, *1984*: May, **409–712**
therapy trials in, *1984*: May, 535
time trends of, *1984*: May, 461–462
urachal anomalies and, *1984*: May, 430
ureaplasma and, *1984*: May, 427–429
virus infection and, *1984*: May, 504–508
viruses and, *1984*: May, 426–427
water balance studies of, *1984*: May, 538–541
Feline viral respiratory disease, *1984*: Nov., **1161–1173**
Fibrinous serositis, FIPV and, *1984*: Sept., 973
Fibrosarcoma, oral cavity and, cats and, *1984*: Nov., 1174
FIP. See *Feline infectious peritonitis virus.*
First aid, for caged birds, *1984*: Mar., 158–161
Flea allergy dermatitis, *1984*: Sept., 1072–1073
Fluke, liver and, cats and, *1984*: Nov., 1226–1227
pancreas and, cats and, *1984*: Nov., 1242–1243
Folliculitis, of caged birds, *1984*: Mar., 193
Food, allergy to, *1984*: Sept., 1069–1071
for cats, dry type, *1984*: May, 520–522
mineral content of, *1984*: May, 652–653
Foot pad, ulceration of, *1984*: Sept., 1081–1082
Forceps technique, liver biopsy by, in caged birds, *1984*: Mar., 291–293
French molt, *1984*: Mar., 198
Frenulum, persistent, of penis, *1984*: Jan., 52–53
Fungus, diagnostic sample of
from caged birds, *1984*: Mar., 169
infection due to, of caged birds, *1984*: Mar., 277–279
feline disease due to, *1984*: Sept., 1092–1093

Gallamine, *1984*: May, 698
Gamma glutamyl transpeptidase, cats and, *1984*: Nov., 1204–1205
Gastrointestinal system, hyperadrenocorticism and, *1984*: July, 734
hyperthyroidism and, *1984*: July, 812
infection of, FIPV and, *1984*: Sept., 973
Gastrointestinal tract, lymphosarcoma of, *1984*: Nov., 1308–1311
Giardia, caged birds and, *1984*: Mar., 399
Gingiva, lymphosarcoma of, *1984*: Nov., 1317
Glaucoma, cats and, *1984*: Nov., 1272, 1282–1283
Globulin, liver disease and, *1984*: Nov., 1207
Glomerular basement membrane, membranous glomerulonephropathy and, *1984*: Nov., 1249–1252
Glomerulonephritis, feline, *1984*: Sept., 1056–1057
Glomerulonephropathy, membranous
antigens in, *1984*: Nov., 1254–1255
clinical signs of, *1984*: Nov., 1248
definition of, *1984*: Nov., 1247
feline, management of, *1984*: Nov., 1255
histopathologic findings in, *1984*: Nov., 1249–1252
laboratory findings in, *1984*: Nov., 1248–1249
management of, *1984*: Nov., 1255
pathogenesis of, *1984*: Nov., 1252–1254
Glomerulus, immune complexes within, *1984*: Nov., 1253
Glucocorticoids, adrenal medulla and, *1984*: July, 724–725

Glucocorticoids (*Continued*)
antidiuretic hormone and, *1984*: July, 727–728
bone and, *1984*: July, 727
calcemic hormones and, *1984*: July, 727
catecholamines and, *1984*: July, 724–725
effects on endocrine function in the dog, *1984*: July, **721–730**
for cats, *1984*: May, 633
gonadal endocrine function and, *1984*: July, 726–727
growth hormone and, *1984*: July, 727–728
hypoadrenocorticism and, *1984*: July, 762
pancreatic endocrine function and, *1984*: July, 727
pituitary–adrenocortical disease and, *1984*: July, 723–724
prolactin and, *1984*: July, 727–728
therapy with, feline dermatoses and, *1984*: Sept., 1083–1085
thyroid function and, *1984*: July, 726
Gluconeogenesis, *1984*: July, 873–875
ethanol and, *1984*: July, 879
Glucose, blood, liver disease and, *1984*: Nov., 1207
pancreatic disease and, *1984*: Nov., 1235
homeostatis of, *1984*: July, 873–876
insulin and, *1984*: July, 875–876
Glucose intolerance, hyperadrenocorticism and, *1984*: July, 852–854
pathogenesis of, *1984*: July, 843–845
recognition of, *1984*: July, 843–846
Glucosuria, cats and, *1984*: Nov., 1266
Glucuronide, synthesis of, *1984*: Nov., 1347
drug disposition and, *1984*: Nov., 1348
Glycogen, synthesis of, *1984*: July, 874
Glycogenolysis, *1984*: July, 875
Glycopyrrolate, *1984*: May, 695
Gonads, endocrine function of, glucocorticoids and, *1984*: July, 726–727
Grafting, of kidney, *1984*: Jan., **133–136**
Granulocytic leukocytes, of caged birds, *1984*: Mar., 241–244
Grooming, for caged birds, feather disorders and, *1984*: Mar., 180–181
Growth hormone, diabetes mellitus and, *1984*: July, 840–850, Nov., 1265
excess of, clinical signs of, *1984*: July, 841
history of, *1984*: July, 841
insulin for, *1984*: July, 846–850
laboratory findings of, *1984*: July, 842–843
management of, *1984*: July, 843–846
ovariohysterectomy for, *1984*: July, 846
glucocorticoids and, *1984*: July, 727–728
physiology and action of, *1984*: July, 827–829
Hair loss, feline, endocrine system and, *1984*: Sept., 1079
self-induced pruritic, *1984*: Sept., 1078–1079
self-induced psychogenic, *1984*: Sept., 1077–1078
Haloperidol, *1984*: May, 696
Hanger–Rose antigen, cat scratch disease and, *1984*: Sept., 1120
Haws syndrome, *1984*: Nov., 1275
Heart, of caged birds, bleeding from, *1984*: Mar., 225–228
Heart disease, of cats, historical perspective on, *1984*: Sept., 1022
Heartworm disease, cats and, *1984*: Sept., 1016
breed and, *1984*: Sept., 1103
clinical pathology of, *1984*: Nov., 1190–1191
clinical presentation of, *1984*: Nov., 1188–1190
differential diagnosis of, *1984*: Nov., 1195–1196
electrocardiography in, *1984*: Nov., 1192
physical examination in, *1984*: Nov., 1190
radiology in, *1984*: Nov., 1192–1195
serology in, *1984*: Nov., 1191–1196
tracheal cytology in, *1984*: Nov., 1195
treatment of, *1984*: Nov., 1196–1198
Hematocrit, of caged birds, *1984*: Mar., 228
Hematology, liver disease and, *1984*: Nov., 1207
of caged birds, *1984*: Mar., **223–248**, 252–256, 265–271
of chlamydiosis, *1984*: Mar., 209–212
pancreatic disease and, *1984*: Nov., 1232–1233
Hematoma, of prostate, *1984*: Jan., 106
Hematuria, in urinary tract trauma, *1984*: Jan., 64
Hemithyroidectomy, *1984*: July, 824
Hemoglobin, of caged birds, *1984*: Mar., 229
Hemolytic anemia, immune-mediated, *1984*: Sept., 1047–1051
Hemoparasites, of caged birds, *1984*: Mar., 257, 283–285
Hemorrhage, following renal biopsy, *1984*: Jan., 35
following urethrostomy, *1984*: Jan., 98
in urogenital injuries, emergency management of, *1984*: Jan., 67–69
urethra obstruction and, *1984*: May, 682–683
Hepatic lipidosis, cats and, *1984*: Nov., 1210
causes of, *1984*: Nov., 1213–1215
encephalopathy and, *1984*: Nov., 1212–1213

histopathology of, *1984*: Nov., 1212
lipid metabolism and, *1984*: Nov., 1213
pathogenesis of, *1984*: Nov., 1211–1212
treatment of, *1984*: Nov., 1215–1216
Hepatocellular carcinoma, cats and, *1984*: Nov., 1224
Hepatomegaly, cats and, *1984*: Nov., 1266
lymphosarcoma and, *1984*: Nov., 1308–1309
Hepatopathy, cats and, *1984*: Nov., 1222–1224
Hepatosplenomegaly, toxoplasmosis and, *1984*: Sept., 1123
Hermaphrodite, *1984*: Jan., 57
Hernia, of abdominal wall, *1984*: Jan., 62, 63
Herpesvirus, conjunctivitis and, *1984*: Nov., 1279
feline urologic syndrome and, *1984*: May, **493–502**, 504–509
keratitis and, *1984*: Nov., 1282
of caged birds, *1984*: Mar., 304–310
Heterophils, of caged birds, *1984*: Mar., 241–242, 253
High–dose dexamethasone suppression test, hyperadrenocorticism and, *1984*: July, 740–742
High–rise syndrome, *1984*: Nov., 1238
Histoplasmosis, of cats, *1984*: Sept., 995, 999–1001, 1009
Hormone(s), antidiuretic, glucocorticoids and, *1984*: July, 727–728
calcemic, glucocorticoids and, *1984*: July, 727
growth, diabetes mellitus and, *1984*: July, 840–850
excess of, clinical signs of, *1984*: July, 841
glucocorticoids and, *1984*: July, 727–728
opposing insulin, *1984*: July, 875–876
of caged birds, feather disorders and, *1984*: Mar., 191–193
thyroid, age and, *1984*: July, 794–795
binding of, *1984*: July, 789–790
drugs and, *1984*: July, 793–794
extrathyroidal metabolism of, *1984*: July, 790–795
illness and, in dog, *1984*: July, 791–792
malnutrition and, in dog, *1984*: July, 791–792
metabolism of, *1984*: July, 788–789
obesity and, *1984*: July, 795
"poor converters" of, *1984*: July, 792–793
radioimmunoassay of, *1984*: July, 796–797
serum concentrations of, *1984*: July, 817–818
thyrotropin releasing, *1984*: July, 787, 802
Hospital, for caged birds, *1984*: Mar., **147–164**
disease prevention in, *1984*: Mar., 155–156
environment of, *1984*: Mar., 151–153
equipment for, *1984*: Mar., 147–151
Hospitalization, of caged bird, *1984*: Mar., **147–164**
Housing, for caged birds, feather disorders and, *1984*: Mar., 180
Human diploid cell vaccine, rabies and, *1984*: Sept., 1132–1133
Husbandry, of caged birds, feather disorders and, *1984*: Mar., 179–181
Hydrocephalus, toxoplasmosis and, *1984*: Sept., 1123
Hydropropulsion, urethral, for uroliths, *1984*: Jan., 79
Hyperadrenocorticism, *1984*: July, **731–749**
anesthetic and surgical management of, *1984*: July, 917–920
cats and, *1984*: Nov., 1261–1263, 1267–1268
diabetes mellitus and, *1984*: July, 851–855
diagnosis of, *1984*: July, 852–854
laboratory findings of, *1984*: July, 851–852
of dogs, adrenocortical neoplasia and, *1984*: July, 732
causes of, *1984*: July, 731–733, 739–743
clinical features of, *1984*: July, 733–735
diagnosis of, *1984*: July, 737–743
ectopic ACTH syndrome and, *1984*: July, 733
gastrointestinal system and, *1984*: July, 734
laboratory findings of, *1984*: July, 735–736
neuromuscular system and, *1984*: July, 734–735
pituitary–adrenocortical function and, *1984*: July, 737–743
pituitary–dependent, *1984*: July, 731–732, 744–748
radiologic findings of, *1984*: July, 736
renal system and, *1984*: July, 734
spontaneous, *1984*: July, 733
treatment of, *1984*: July, 743–748
pathogenesis of, *1984*: July, 851
treatment of, *1984*: July, 854–855
Hypercalcemia, *1984*: July, **891–910**
adenocarcinoma and, *1984*: July, 894–896
hypoadrenocorticism and, *1984*: July, 756
of dogs, cancer–associated, *1984*: July, 891–892
causes of, *1984*: July, 891–902
complications of, *1984*: July, 904–905
evaluation of, *1984*: July, 902–904
signs of, *1984*: July, 904–905
treatment of, *1984*: July, 904

Hypercholesterolemia, cats and, *1984*: Nov., 1266
Hyperfibrinogenemia, feline infectious peritonitis and, *1984*: Sept., 975
Hyperglycemia, cats and, *1984*: Nov., 1266
growth hormone and, *1984*: July, 842–843
recognition of, *1984*: July, 843–846
liver disease and, *1984*: Nov., 1207
of caged birds, *1984*: Mar., 259–260
Hyperinsulinism, cats and, *1984*: Nov., 1265
Hypernatremia, of caged birds, *1984*: Mar., 264
Hyperparathyroidism, feline, *1984*: Sept., 1109
primary, hypercalcemia and, *1984*: July, 900–901
Hyperproteinemia, of caged birds, *1984*: Mar., 259
Hyperthyroidism, diabetes mellitus and, *1984*: July, 856
feline, *1984*: July, **809–826**, Nov., 1226, 1267
age and, *1984*: July, 811
anesthetic and surgical management of, *1984*: July, 914–917
apathetic, *1984*: July, 815
breed and, *1984*: July, 811
cardiomyopathy and, *1984*: Sept., 1032–1034
causes of, *1984*: July, 809
clinical signs of, *1984*: July, 811–815
drug therapy for, *1984*: July, 824–825
laboratory findings in, *1984*: July, 815–818
masked, *1984*: July, 815
pathogenesis of, *1984*: July, 811
radionuclide tests of, *1984*: July, 818–820
sex and, *1984*: July, 811
surgery for, *1984*: July, 821–824
treatment of, *1984*: July, 821–825
Hypertrophic cardiomyopathy, of cats
clinical manifestations of, *1984*: Sept., 1023
etiology of, *1984*: Sept., 1022
treatment of, *1984*: Sept., 1024–1026
Hypervitaminosis A, amyloidosis and, *1984*: Nov., 1256
Hypervitaminosis D, hypercalcemia and, *1984*: July, 899–900
Hypoadrenocorticism, *1984*: July, **751–766**
acid–base balance and, *1984*: July, 756
age and, *1984*: July, 752
anemia and, *1984*: July, 755
anesthetic and surgical management of, *1984*: July, 913–914
breed and, *1984*: July, 752
cats and, *1984*: Nov., 1263–1264
causes of, *1984*: July, 751–752
chronic, treatment of, *1984*: July, 764–765
diagnosis of, *1984*: July, 758–760
electrocardiographic findings in, *1984*: July, 757–758
history of, *1984*: July, 753–754
hypercalcemia and, *1984*: July, 897
hypoglycemia and, *1984*: July, 880
laboratory findings in, *1984*: July, 755–757
pathogenesis of, *1984*: July, 752–753
physical examination of, *1984*: July, 754
primary, *1984*: July, 751
radiographic findings in, *1984*: July, 757
secondary, *1984*: July, 751–752
sex and, *1984*: July, 752
treatment of, *1984*: July, 761–765
Hypocalcemia, pancreatic disease and, *1984*: Nov., 1236
Hypoglycemia, *1984*: July, **873–889**
adrenocortical insufficiency and, *1984*: July, 880
bacterial shock and, *1984*: July, 879–880
cardiovascular system and, *1984*: July, 880
causes of, *1984*: July, 877–883
clinical signs of, *1984*: July, 876
differential diagnosis of, *1984*: July, 877
ethanol and, *1984*: July, 879
extrapancreatic–tumors and, *1984*: July, 880–881
hypoadrenocorticism and, *1984*: July, 756
idiopathic, in neonates, *1984*: July, 877–878
islet cell tumors and, *1984*: July, 881–886
laboratory documentation of, *1984*: July, 876–877
liver disease and, *1984*: July, 880, *1984*: Nov., 1207
liver enzyme deficiencies and, *1984*: July, 878–879
of caged birds, *1984*: Mar., 260–261
starvation and, *1984*: July, 878
sulfonylurea and, *1984*: July, 879
toy breed, *1984*: July, 877–878
Hypoglycemic agents, oral, *1984*: July, 861–862
Hyponatremia, of caged birds, *1984*: Mar., 264
Hypoproteinemia, of caged birds, *1984*: Mar., 259
pancreatic disease and, *1984*: Nov., 1236
Hypospadias, *1984*: Jan., 49–51
Hypothalamic–pituitary–adrenocortical system, effect of glucocorticoids on, *1984*: July, 721–723
Hypothalamic–pituitary–thyroid–extrathyroid axis, *1984*: July, 786–789
Hypothalamus, pituitary interaction with, *1984*: July, 786–787
Hypothermia, of cats, management of, *1984*: May, 611
Hypothyroidism, cats and, *1984*: Nov., 1264–1265
of caged birds, *1984*: Mar., 265
Hypovolemia, hypoadrenocorticism and, *1984*: July, 761–762

Idiosyncracies of drug metabolism in cats, *1984*: Nov., **1345–1354**
Ileum, segment of, for ureteral substitution, *1984*: Jan., 124, 130
Immune complex, deposition of, adverse sequelae to, *1984*: Nov., 1253–1254
glomerular susceptibility to, *1984*: Nov., 1254
FIPV and, *1984*: Sept., 974
formation of, *1984*: Nov., 1252–1253
location of, *1984*: Nov., 1253
membranous glomerulonephropathy and, *1984*: Nov., 1249–1252
structure of, *1984*: Nov., 1253
Immune–mediated disease, immunologic basis of, *1984*: Sept., 1044–1046
"non–self" cell–associated antigens and, *1984*: Sept., 1045–1045
"self" cell antigens and, *1984*: Sept., 1044–1045
Immune–mediated disorder, of cats, *1984*: Sept., **1039–1064**
Immune response, antigen presentation of, *1984*: Sept., 1040
antigen recognition of, *1984*: Sept., 1039–1040
clonal expansion of antigen–specific lymphocytes and, *1984*: Sept., 1040–1042
effector mechanisms of, *1984*: Sept., 1042–1044
normal, *1984*: Sept., 1039–1044
Immunoglobulin M, toxoplasmosis and, *1984*: Sept., 1124–1125
Immunosuppressive agent, FIPV and, *1984*: Sept., 982–983
in transplantation procedures, *1984*: Jan., 136
Immunotherapy, feline lymphosarcoma and, *1984*: Nov., 1325–1327
oropharyngeal tumors and, *1984*: Nov., 1176
Impression smear, for liver biopsy, of caged birds, *1984*: Mar., 297–298
Incontinence, due to ectopic ureter, *1984*: Jan., 53–57
Indocyanine green, liver function and, *1984*: Nov., 1208
Infection, due to bacteria, of psittacine birds, *1984*: Mar., 394–395
following urethrostomy, *1984*: Jan., 100
Infectious peritonitis, amyloidosis and, *1984*: Nov., 1256
of cats, forms of, *1984*: Sept., 977
Infectious respiratory disease, *1984*: Sept., **985–1006**
of cats, due to bacteria, clinical signs of, *1984*: Sept., 986–989
treatment of, *1984*: Sept., 986–987, 990–992
due to mycoses, *1984*: Sept., 995–1001
due to parasites, clinical signs of, *1984*: Sept., 1001
due to protozoa, *1984*: Sept., 1004–1005
due to virus, *1984*: Sept., 987–995
chronic carrier state in, *1984*: Sept., 992–993
diagnosis of, *1984*: Sept., 990
frontal sinusitis and, *1984*: Sept., 993–994
immunization for, *1984*: Sept., 994–995
outbreak management of, *1984*: Sept., 994
prognosis of, *1984*: Sept., 992
public health considerations of, *1984*: Sept., 995
Infertility, testicular biopsy in, *1984*: Jan., 110–112
Inflammation, cytology of, of caged birds, *1984*: Mar., 323–324
Inotropic agents, in urogenital surgery, *1984*: Jan., 26–27
Insulin, excess of, hypoglycemia and, *1984*: July, 879
failure of, *1984*: July, 866–867
growth hormone excess and, *1984*: July, 846–850
hormones opposing, *1984*: July, 875–876
initial therapy with, *1984*: July, 863–865
maintenance therapy with, *1984*: July, 865–868
nasal administration of, *1984*: July, 870
portable pumps for, *1984*: July, 870
–producing islet cell tumors, *1984*: July, 881–883
types of, *1984*: July, 862–863
use in cats, *1984*: Nov., 1266–1267
Intermittent positive pressure ventilation, renal excretion and, *1984*: Jan., 20
Intersexuality, *1984*: Jan., 57–59
Intraocular pressure, cats and, *1984*: Nov., 1282–1283
Iodine, metabolism of, *1984*: July, 785–786
radioactive, hyperthyroidism and, *1984*: July, 824
thyroid function and, *1984*: July, 803
Iridocyclitis, cats and, *1984*: Nov., 1284
Islet cell tumor, anesthetic management of, *1984*: July, 920–923
cats and, *1984*: Nov., 1241, 1265
complications of, *1984*: July, 885
insulin–producing, *1984*: July, 881–883
long–term prognosis of, *1984*: July, 885–886
medical management of, *1984*: July, 884–885
surgery for, *1984*: July, 883–884
treatment of, *1984*: July, 883–885
Isoflurane, *1984*: May, 697, 701

Jaundice, cats and, *1984*: Nov., 1203

KELA test, *1984*: Sept., 963–965
Keratoconjuctivitis sicca, cats and, *1984*: Nov., 1277–2378
Ketamine, *1984*: May, 696, 701
  in cats, *1984*: Jan., 25
  renal excretion and, *1984*: Jan., 17, 18–19
  use of, in urogenital surgery, *1984*: Jan., 25
Ketoacidosis, diabetes mellitus, *1984*: July, 860
Ketonuria, of caged birds, *1984*: Mar., 281
Kidney, amyloidosis of, cats and, *1984*: Nov., 1255–1258
  bacterial pyelonephritis of, *1984*: Jan., 5–6
  biopsy of. See *Renal biopsy*.
  diseases of, diagnostic techniques for, *1984*: Jan., 7–9
    hypercalcemia and, *1984*: July, 897–898
  failure of, amylase in, *1984*: Nov., 1234–1235
    hypoglycemia and, *1984*: July, 880
    lipase in, *1984*: Nov., 1234–1235
  function tests of, *1984*: Nov., 1235. See also *Renal function*.
  hyperadrenocorticism and, *1984*: July, 734
  hyperthyroidism and, *1984*: July, 812
  insufficiency of, in cats, *1984*: May, 704–705
  lymphosarcoma of, *1984*: Nov., 1316–1317
  nephrolithotomy of, *1984*: Jan., 83, 85–88
  polyuric failure of, management of, *1984*: Nov., 1255
  primary diseases of, cats and, *1984*: Nov., **1247–1260**
  radiography for, *1984*: Jan., 7, 32, 33–39
  renal biopsy for, *1984*: Jan., 8–9
  traumatic injury to, treatment of, *1984*: Jan., 69–70
  ultrasonography for, *1984*: Jan., 7

Laboratory diagnostics, of caged birds
  blood chemistry values for, *1984*: Mar., 265–271
  clinical experience of, of caged birds, *1984*: Mar., **249–286**
  hematology values for, of caged birds, *1984*: Mar., 265–271
  interpretation of, of caged birds, *1984*: Mar., 252–265
Laboratory facilities, for caged birds
    diagnostic samples and, *1984*: Mar., **165–172**
    selection of, *1984*: Mar., 165–166, 171–172
Lacrimal system, diseases of, cats and, *1984*: Nov., 1277–1278
Lactate dehydrogenase, cats and, *1984*: Nov., 1204
Lactic dehydrogenase, of caged birds, *1984*: Mar., 262–263
Laparotomy, for clitorectomy, *1984*: Jan., 57–59
  for ectopic ureter, *1984*: Jan., 54, 55
  in uterine prolapse, *1984*: Jan., 120
  radiography following, *1984*: Jan., 34
L–asparaginase, feline lymphosarcoma and, *1984*: Nov., 1322
Lavage, peritoneal, in urinary tract trauma, *1984*: Jan., 63, 66, 67
Left ventricular moderator band, cardiomyopathy and, *1984*: Sept., 1032
Lemperone, *1984*: May, 696
Lens, diseases of, cats and, *1984*: Nov., 1284
Leprosy, of cats, *1984*: Sept., 1065
Leukemia, FeLV and, *1984*: Sept., 1133
  lymphosarcoma and, *1984*: Nov., 1317–1319
Leukocyte, abnormalities of, feline lymphosarcoma and, *1984*: Nov., 1303
  granulocytic, of caged birds, *1984*: Mar., 241–244
  mononuclear, of caged birds, *1984*: Mar., 238–241
  of caged birds, *1984*: Mar., 235–245
    differential count of, *1984*: Mar., 237–238
    evaluation of, *1984*: Mar., 244–245
Leukocytosis, liver disease and, *1984*: Nov., 1207
Lipase, serum, pancreatic disease and, *1984*: Nov., 1234
  renal failure and, *1984*: Nov., 1234–1235
Lipid, liver metabolism of, *1984*: Nov., 1213
Lipidosis, of liver. See *Hepatic lipidosis*.
Liver, anatomy of, cats and, *1984*: Nov., 1201–1202
  of caged birds, *1984*: Mar., 289
    biopsy of, anesthesia for, contraindications of, *1984*: Mar., 289
      forceps technique for, *1984*: Mar., 291–293
      indications for, *1984*: Mar., 287–289
      needle biopsy technique for, *1984*: Mar., 293–295
      restraint for, *1984*: Mar., 291
      sample handling of, *1984*: Mar., 297–298
      technique of, *1984*: Mar., **287–298**
    cytology of, *1984*: Mar., 340–342
    pathologies of, *1984*: Mar., 288
  bile pigments in, *1984*: Nov., 1205–1207
  bilirubin metabolism and, *1984*: Nov., 1202–1203
  cholangiohepatitis complex and, *1984*: Nov., 1216–1222
  congenital anomalies of, *1984*: Nov., 1225–1226
  disease of, biopsy in, *1984*: Nov., 1209–1210
    cats and, *1984*: Nov., **1201–1230**

clinical signs of, *1984*: Nov., 1203
jaundice and, *1984*: Nov., 1203
laboratory evaluation of, *1984*: Nov., 1203–1209
physical examination in, *1984*: Nov., 1203
enzyme deficiencies of, hypoglycemia and, *1984*: July, 878–879
enzymes in, cats and, *1984*: Nov., 1204–1205
fatty. See *Fatty liver*.
lipidosis of, *1984*: Nov., 1210–1216
metabolic functions of, *1984*: Nov., 1202
neoplasia of, cats and, *1984*: Nov., 1224–1225
plasma proteins in, *1984*: Nov., 1207
severe disease of, hypoglycemia and, *1984*: July, 880
toxic hepatopathy of, *1984*: Nov., 1222–1224
Lorazepam, *1984*: May, 696
Low-dose dexamethasone syppression test, hyperadrenocorticism and, *1984*: July, 738
Lung, disease of, edema of, of cats, *1984*: Sept., 1016
lymphosarcoma of, *1984*: Nov., 1304–1307
neoplastic disease, of cats, *1984*: Sept., 1011–1012
of unknown etiology, *1984*: Sept., 1012–1018
parasitic disease of, of cats, *1984*: Sept., 1012–1016
Lung fluke, *1984*: Sept., 1012
Lungworm, *1984*: Sept., 1012
Lupus erythematosus, feline, *1984*: Sept., 1075
systemic, *1984*: Sept., 1053–1056
Lymphadenopathy, cat-scratch disease and, *1984*: Sept., 975
differential diagnosis of, *1984*: Nov., 1312–1313
Lymphocytes, of caged birds, *1984*: Mar., 238–240, 253
Lymphocytic thyroiditis, immunologic tests for, *1984*: July, 799
Lymphoid tumor, feline, biology of, *1984*: Nov., 1293–1313
therapeutic management of, *1984*: Nov., 1319–1327
Lymphoma, cats and, alimentary tract in, *1984*: Nov., 1308–1311
central nervous system in, *1984*: Nov., 1314–1316
clinical findings in, *1984*: Nov., 1303–1304
kidney in, *1984*: Nov., 1316–1317
mediastinum in, *1984*: Nov., 1304–1307
multicentric, *1984*: Nov., 1311–1314
skin and, *1984*: Nov., 1314
Lymphosarcoma, age and, *1984*: Nov., 1302
alimentary tract in, *1984*: Nov., 1308–1311
breed and, *1984*: Nov., 1302
cats and, anatomic distribution of, *1984*: Nov., 1301
classification of, *1984*: Nov., 1300–1302
client education of, *1984*: Nov., 1320–1321
cytotoxic agents for, *1984*: Nov., 1322–1323
immunotherapy for, *1984*: Nov., 1325–1327
leukemia and, *1984*: Nov., 1317–1319
management of, *1984*: Nov., **1299–1330**
central nervous system in, *1984*: Nov., 1314–1316
clinical findings in, *1984*: Nov., 1303–1304
cutaneous, *1984*: Nov., 1314
feline, management of, *1984*: Nov., **1299–1330**
FeLV infection and, *1984*: Nov., 1300
hypercalcemia and, *1984*: July, 892–894
kidney in, *1984*: Nov., 1316–1317
mediastinum in, *1984*: Nov., 1304–1307
multicentric, *1984*: Nov., 1311–1314
orbit and, *1984*: Nov., 1271
sex disposition and, *1984*: Nov., 1302
Lynxacarus, *1984*: Sept., 1067–1068

Macaw, blue and gold, sinusitis of, *1984*: Mar., 268–270
Macrophage, interaction with FIPV, *1984*: Sept., 973–975
Magnesium ammonium phosphate, calculi of, *1984*: Jan., 90
Magnesium, urolith formation and, *1984*: May, 517–520
Malignancy, hypercalcemia and, *1984*: July, 891–892
Malignant neoplasia, cytology of, of caged birds, *1984*: Mar., 324–326
Malnutrition, exotic cats and, *1984*: Sept., 1107–1108
feline hepatic lipidosis and, *1984*: Nov., 1214
of caged birds, feather disorders and, *1984*: Mar., 188–189
Management of feline lymphosarcoma, *1984*: Nov., **1299–1330**
Marsupialization, of bladder, in urinary tract trauma, *1984*: Jan., 68–69
of prostatic cysts, *1984*: Jan., 106
Mastocytosis, cats and, *1984*: Nov., 1224
Mediastinum, lymphosarcoma of, *1984*: Nov., 1304–1307
Medication, for caged birds, *1984*: Mar., 358–361
Megakaryocytes, of caged birds, *1984*: Mar., 246
Megestrol acetate, feline dermatoses and, *1984*: Sept., 1082–1083

Membranous glomerulonephropathy, feline
antigens in, *1984*: Nov., 1254–1255
clinical signs of, *1984*: Nov., 1248
definition of, *1984*: Nov., 1247
histopathologic findings in, *1984*: Nov., 1249–1252
laboratory findings in, *1984*: Nov., 1248–1249
management of, *1984*: Nov., 1255
pathogenesis of, *1984*: Nov., 1252–1254
Meningioma, cats and, *1984*: Nov., 1289–1293
Meningoencephalitis, infectious peritonitis and, *1984*: Nov., 1296
Methotrexate, feline lymphosarcoma and, *1984*: Nov., 1323
Methoxyflurane, *1984*: May, 697
Microsurgery, for caged birds, *1984*: Mar., 369–370
Micturation, disorders of, *1984*: May, 645–646
physiology of, *1984*: May, 641–646
Middle ear, polyps of, cats and, *1984*: Nov., 1176–1179
Miliary dermatitis, feline, *1984*: Sept., 1076–1077
Minerals, feline requirements of, *1984*: Sept., 1109–1110
Mites, caged birds and, *1984*: Mar., 398
Moniliasis, of caged birds, *1984*: Mar., 278
Monocytes, of caged birds, *1984*: Mar., 239–241, 253
Mononuclear leukocytes, of caged birds, *1984*: Mar., 238–241
Morphine, use in cats, *1984*: Nov., 1351–1352
Muscle relaxants, for cats, *1984*: May, 591–592
renal excretion and, *1984*: Jan., 17, 19–20
selection of, in urogenital surgery, *1984*: Jan., 23–24
Musculoskeletal system, immune–mediated disorders of, *1984*: Sept., 1058–1063
Mycobacteria, atypical infections of, of cats, *1984*: Sept., 1065–1066
Mycoplasma, feline urologic syndrome and, *1984*: May, 427–429
infection due to, of caged birds, *1984*: Mar., 279
Mycotic pneumonia, of cats, *1984*: Sept., 1009

Nalbuphine, renal excretion and, *1984*: Jan., 16, 17
Narcotics, *1984*: May, 696
renal excretion and, *1984*: Jan., 16
selection of, in renal dysfunction, *1984*: Jan., 22–23
Nasal cavity, lymphosarcoma of, *1984*: Nov., 1317
Nasopharynx, polyps of, cats and, *1984*: Nov., 1176–1179
Necropsy, of caged birds, *1984*: Mar., 169–171
procedures in birds, *1984*: Mar., **173–177**
Needle biopsy, aspiration prior to, *1984*: Jan., 7
of kidneys, *1984*: Jan., 8–9, 8
of liver biopsy by, in caged birds, *1984*: Mar., 293–295
of prostate, *1984*: Jan., *12*, 13
Nematodes, caged birds and, *1984*: Mar., 399
Neonate, idiopathic hypoglycemia of, *1984*: July, 877–878
Neoplasm, of prostate gland, *1984*: Jan., 106
Nephrectomy, in renal traumatic injury, *1984*: Jan., 69–70
radiography following, *1984*: Jan., 35
Nephrolithotomy, *1984*: Jan., 83, 85–88
Nephropyelocentesis, for bacterial pyelonephritis, *1984*: Jan., 5–6
Nephropyelostomy, for urine diversion, *1984*: Jan., 129
Nephrotic syndrome, management of, *1984*: Nov., 1255
membranous glomerulonephropathy and, *1984*: Nov., 1247–1252
Nephrotomy, radiography following, *1984*: Jan., 37–39
Nephroureterectomy, radiography following, *1984*: Jan., 35, 42
Nervous system. See also specific sites.
feline diseases of, *1984*: Nov., **1289–1298**
hyperthyroidism and, *1984*: July, 812
Neuroleptanalgesics, *1984*: May, 696
Neuromuscular system, hyperadrenocorticism and, *1984*: July, 734–735
Neutering, feline urologic syndrome and, *1984*: May, 462–463
intersexuality and, *1984*: Jan., 57–59
Newcastle's disease, of caged birds, *1984*: Mar., 202, 300–301
of psittacine birds, *1984*: Mar., 396–397
Nuclear medicine, thyroid function and, *1984*: July, 802–803
Nutrition, therapeutic support of, cats and, *1984*: Nov., 1342

Obstructive uropathy, of cats
acid–base balance and, *1984*: May, 692
anemia and, *1984*: May, 692–693
anesthesia recommendations for, *1984*: May, 698–701
anesthetic agents for, *1984*: May, **691–702**
axotemia and, *1984*: May, 694
azotemia and, *1984*: May, 694
coagulopathy and, *1984*: May, 693
disease course of, *1984*: May, 691–692
drug disposition in, *1984*: May, 705–708

electrolyte imbalance and, *1984*: May, 693
fluid imbalance and, *1984*: May, 693
nutrition and, *1984*: May, 694
Odotogenic tumor, cats and, *1984*: Nov., 1175
Oliguria, intraoperative, treatment of, *1984*: Jan., 27
Ophthalmia neonatorium, cats and, *1984*: Nov., 1279
Ophthalmology, feline, advances in, *1984*: Nov., **1271–1288**
Oral, pharyngeal, and upper respiratory conditions in the cat, *1984*: Nov., **1173–1184**
Oral cavity, cytology of, of caged birds, *1984*: Mar., 328–331
tumors of, cats and, *1984*: Nov., 1173–1176
Orbit, diseases of, cats and, *1984*: Nov., 1271–1273
Orchiopexy, ethics of, *1984*: Jan., 110
Oropharynx, fibrosarcoma of, *1984*: Nov., 1174
odontogenic tumors of, *1984*: Nov., 1175
osteoma of, *1984*: Nov., 1175
peridontal fibromatous epulis of, *1984*: Nov., 1175
squamous cell carcinoma of, *1984*: Nov., 1174
tumors of, cats and, *1984*: Nov., 1173–1176
Osteomyelitis, septic, hypercalcemia and, *1984*: July, 898
Ovariohysterectomy, acromegaly and, *1984*: July, 834
diabetes mellitus and, *1984*: July, 846
Oxalate, calculi of, control of, *1984*: Jan., 91

Pacheco's disease, of caged birds, *1984*: Mar., 397
Packed cell volume, of caged birds, *1984*: Mar., 257–258
Pancreas, adenoma of, *1984*: Nov., 1240
amyloidosis and, *1984*: Nov., 1243
anatomy and physiology of, *1984*: Nov., 1231–1232
carcinoid tumor of, *1984*: Nov., 1241
carcinoma of, *1984*: Nov., 1240–1241
disease of, cats and, *1984*: Nov., **1231–1246**
diagnostic procedures in, *1984*: Nov., 1232–1236
exocrine insufficiency of, cats and, *1984*: Nov., 1239–1240
flukes in, cats and, *1984*: Nov., 1242–1243
function of, glucocorticoids and, *1984*: July, 727
inflammatory disease of, cats and, *1984*: Nov., 1236–1240
insulin–producing islet cell tumor of, *1984*: July, 920–923
islet cell tumor of, cats and, *1984*: Nov., 1241, 1265
lesions in, *1984*: July, 843
lymphosarcoma of, *1984*: Nov., 1242
neoplasia of, cats and, *1984*: Nov., 1240–1242
nodular hyperplasia of, *1984*: Nov., 1243–1244
secretions of, *1984*: Nov., 1232
toxoplasmosis of, *1984*: Nov., 1244
tumors arising outside of, hypoglycemia and, *1984*: July, 880–881
Pancreatic bladder, *1984*: Nov., 1244
Pancreatic duct, stenosis of, cats and, *1984*: Nov., 1244
Pancreatitis, acute, cats and, *1984*: Nov., 1237–1238
pathophysiology of, *1984*: Nov., 1236–1237
chronic, cats and, *1984*: Nov., 1238–1239
diabetes mellitus and, *1984*: Nov., 1235
trauma and, *1984*: Nov., 1238
Papilloma, oral cavity and, cats and, *1984*: Nov., 1175
Papovavirus, of caged birds, *1984*: Mar., 398
Para–amino–benzoic acid, exocrine pancreatic insufficiency and, *1984*: Nov., 1239–1240
Paracentesis, in urinary tract trauma, *1984*: Jan., 62, 66, 67
Paragonimus kellicoti, *1984*: Sept., 1012–1013
Paramyxovirus, of caged birds, *1984*: Mar., 300–304
Paraphimosis, *1984*: Jan., 51–52, 52
Parasite, diagnostic samples of, of caged birds, *1984*: Mar., 282–283
feather disorders and, *1984*: Mar., 198
feline diseases due to, *1984*: Sept., 1101–1103
internal infection of, of caged birds, *1984*: Mar., 283–285
of caged birds, *1984*: Mar., 398–399
of psittacine birds, from caged birds, *1984*: Mar., 169
Parasitemia, termination of, *1984*: Sept., 1123–1124
Parenteral nutrition, cats and, *1984*: Nov., 1342
Parrot fever. See *Chlamydiosis*.
Parrot pox, *1984*: Mar., 397
Pemphigus complex, *1984*: Sept., 1073–1075
Pemphigus erythematosis, cats and, *1984*: Nov., 1274
Penis, ablation of, *1984*: Jan., 114–116
congenital defects of, surgery for, *1984*: Jan., 51–53
laceration of, and urethrostomy, *1984*: Jan., 98–99

Penis (*Continued*)
paraphimosis of, *1984*: Jan., 51–52
persistent frenulum of, *1984*: Jan., 52–53
phimosis of, *1984*: Jan., 51–52
rotation of, in urethrostomy, *1984*: Jan., 101
traumatic injury of, *1984*: Jan., 73–74
Pentobarbital, *1984*: May, 696
Percutaneous antegrade pyeloureterography, technique of, *1984*: Jan., 33
Peripheral neuropathy, diabetes and, cats and, *1984*: Nov., 1293–1295
Peritoneal lavage, cats and, *1984*: Nov., 1337–1338
Peritonitis, bile, of caged birds, *1984*: Mar., 296
infectious, amyloidosis and, *1984*: Nov., 1256
cats and, *1984*: Nov., 1295–1297
clinical manifestations of, *1984*: Sept., 976–982
coronavirus and, *1984*: Sept., 971–972
diagnosis of, *1984*: Sept., 982
of cats, *1984*: Sept., **971–984**
pathogenesis of, *1984*: Sept., 972–976
prophylaxis of, *1984*: Sept., 983
treatment of, *1984*: Sept., 982–983
Persistent frenulum, *1984*: Jan., 52–53
Phenothiazines, *1984*: May, 695
renal excretion and, *1984*: Jan., 15
Pheochromocytoma, diabetes mellitus, *1984*: July, 855–856
in dog, *1984*: July, **767–782**
catecholamines and, *1984*: July, 767–771
diagnosis of, *1984*: July, 774–778
pathology of, *1984*: July, 781
pathophysiology of, *1984*: July, 767
physical examination of, *1984*: July, 773–774
symptoms of, *1984*: July, 771–772
treatment of, *1984*: July, 778–780
Phimosis, *1984*: Jan., 51–52
Phosphorus, of caged birds, *1984*: Mar., 264
urolith formation and, *1984*: May, 517–520
Physical examination, of cats, *1984*: Nov., 1332–1335
Picornavirus, *1984*: May, 504
Pituitary, hyperadrenocorticism and, *1984*: July, 731–732
hypothalamus interaction with, *1984*: July, 786–787
in dog, treatment of, *1984*: July, 744–748
thyroid gland interaction with, *1984*: July, 787–788
Pituitary–adrenocortical disease, diagnosis of, glucocorticoids in, *1984*: July, 723–724
Plasma, of caged birds, color and clarity of, *1984*: Mar., 258–259
total protein of, *1984*: Mar., 259
Plasma cortisol, hyperadrenocorticism and, *1984*: July, 737
Plasma protein, electrophoresis of, *1984*: Mar., 234–235
of caged birds, *1984*: Mar., 228, 259
Pneumonia, mycotic, of cats, *1984*: Sept., 1009
viral, of cats, *1984*: Sept., 1008
Polyarteritis nodosa, *1984*: Sept., 1056
Polychromasia, of caged birds, *1984*: Mar., 258
Polyneuropathy, diabetes and, cats and, *1984*: Nov., 1293–1295
Polyp, middle ear and, *1984*: Nov., 1176–1179
nasopharynx and, *1984*: Nov., 1176–1179
oral cavity and, *1984*: Nov., 1175
Polyuric renal failure, management of, *1984*: Nov., 1255
Potassium, of caged birds, *1984*: Mar., 264
requirement of, of cat, *1984*: Sept., 1109–1110
Prednisone, feline lymphosarcoma and, *1984*: Nov., 1323
Preening, feather disorders and, *1984*: Mar., 193–194
Prepuce, ablation of, *1984*: Jan., 114–116
advancement of, *1984*: Jan., 113–114
congenital defects of, surgery for, *1984*: Jan., 51–53
Pressure profile, of urethra, *1984*: Jan., 10
Preventive medicine, for psittacine birds, *1984*: Mar., 383–386
Primary renal diseases of the cat, *1984*: Nov., **1247–1260**
Procaine, *1984*: May, 698
Proestrus, in cat, *1984*: July, 937
in dog, *1984*: July, 929
Profilometry, urethral pressure
case reports of, *1984*: May, 570–573
clinical application in male cats, *1984*: May, **567–574**
procedure for, *1984*: May, 568–570
Prolactin, glucocorticoids and, *1984*: July, 727–728
Proptosis, complications of, *1984*: Nov., 1272
Prostate, abscess of, *1984*: Jan., 105
bacterial prostatitis of, *1984*: Jan., 6–7
benign hypertrophy of, *1984*: Jan., 104–105
cysts of, *1984*: Jan., 105
diseases of, diagnosis of, *1984*: Jan., 103–104
hematoma of, *1984*: Jan., 106
massage of, for prostatic sample, *1984*: Jan., 7, 11, 13
needle biopsy for, *1984*: Jan., 12, 13
neoplasia of, *1984*: Jan., 106
surgical management of, *1984*: Jan., 106–107
trauma to, *1984*: Jan., 106

Prostatectomy, *1984*: Jan., 107
Prostatitis, bacterial, differential diagnosis of, *1984*: Jan., 6–7
Protein, dietary deficiency of
  feline hepatic lipidosis and, *1984*: Nov., 1213–1214
  electrophoresis of, of caged birds, *1984*: Mar., 234–235, 259
  requirement of, of cat, *1984*: Sept., 1108
Proteus, struvite calculi and, *1984*: Jan., 90
Pseudohermaphrodite, *1984*: Jan., 57
Psittacine bird, aviculture medicine of, *1984*: Mar., **381–401**
Psittacosis. See *Chlamydiosis*.
Puberty, estrous cycle and, of dog, *1984*: July, 928–929
Purse–string suture, for cystostomy catheterization, *1984*: Jan., 68–69
  for episiotomy repair, *1984*: Jan., 58
Pyelogram, intravenous, in bacterial pyelonephritis, *1984*: Jan., 5–6
Pyelolithotomy, for urolithiasis, *1984*: Jan., 87–88
Pyelonephritis, bacterial, differential diagnosis of, *1984*: Jan., 5–6
Pyelotomy, radiography following, *1984*: Jan., 35–37
Pyogranuloma, FIPV and, *1984*: Sept., 977–980

Quarantine, rabies and, *1984*: Sept., 1131

Rabies, feline, associated with wildlife rabies, *1984*: Sept., 1127–1129
  control protocols for, *1984*: Sept., 1129–1130
  differential diagnosis of, *1984*: Sept., 1127
  exposure to, management of, *1984*: Sept., 1130
  immunization for, *1984*: Sept., 1129
  management of, *1984*: Sept., 1131
  postexposure prophylaxis in man, *1984*: Sept., 1125–1133
  human, pre–exposure prophylaxis for, *1984*: Sept., 1132–1133
  natural behavior of, in cat, *1984*: Sept., 1126–1127
Radioactive iodine, hyperthyroidism and, *1984*: July, 824
  thyroid function and, *1984*: July, 803
Radiography, following catheterization, *1984*: Jan., 43
  bladder diseases and, *1984*: Jan., 9
  bronchopulmonary disease and, *1984*: Sept., 1008
  cystotomy and, *1984*: Jan., 43–44
  feline urethra obstruction and, *1984*: May, 560–562
  laparotomy and, *1984*: Jan., 34
  nephrotomy and, *1984*: Jan., 37–39
  nephroureterectomy and, *1984*: Jan., 35, 42
  pancreatic disease and, *1984*: Nov., 1232–1233
  partial cystectomy and, *1984*: Jan., 43–44
  percutaneous cystocentesis and, *1984*: Jan., 43
  pyelotomy and, *1984*: Jan., 35–37
  renal biopsy and, *1984*: Jan., 34–35
  renal diseases and, *1984*: Jan., 7
  surgical trauma and, *1984*: Jan., 42–43
  ureter transplant and, *1984*: Jan., 39–43
  urethral diseases and, *1984*: Jan., 10
  urethral surgical procedures and, *1984*: Jan., 44, 46
  urinary tract and, *1984*: Jan., 32–34
    trauma of, *1984*: Jan., 64–66
Radiology, feline dirofilariasis and, *1984*: Nov., 1192–1195
  hyperadrenocorticism and, *1984*: July, 736
    hypoadrenocorticism and, *1984*: July, 757
    pheochromocytoma and, *1984*: July, 775
Radionuclide test, hyperthyroidism and, *1984*: July, 818–820
Radiotherapy, oropharyngeal tumors and, *1984*: Nov., 1176
Rectum, tenesmus of, and prostatic disease, *1984*: Jan., 103, 105
Red blood cell count, of caged birds, *1984*: Mar., 228–229, 258
Regitine test, *1984*: July, 777
Renal biopsy, for kidney diseases, *1984*: Jan., 8–9
  keyhole technique in, *1984*: Jan., 8
  radiography following, *1984*: Jan., 34–35
Renal function, effects of medication on, *1984*: Jan., 15–25
  following nephrotomy, *1984*: Jan., 38
  preservation of, in urogenital surgery, *1984*: Jan., 26–27
Reproduction, of psittacine birds, *1984*: Mar., 386–390
Reproductive system, hyperadrenocorticism and, *1984*: July, 735
Reproductive tract, of female, episiotomy in, *1984*: Jan., 116–117
    traumatic injuries of, *1984*: Jan., 74
    uterine prolapse in, *1984*: Jan., 120, 121
    vaginal hyperplasia in, *1984*: Jan., 118, 119
    vaginal prolapse in, *1984*: Jan., 118–120
    vaginal stricture in, *1984*: Jan., 118
  of male, cryptorchid castration in, *1984*: Jan., 109–111
    preputial ablation in, *1984*: Jan., 114–116

Reproductive tract (*Continued*)
of male, preputial advancement in, *1984*: Jan., 133–144
testicular biopsy in, *1984*: Jan., 110–112
traumatic injuries of, *1984*: Jan., 73–74
vasectomy in, *1984*: Jan., 112, 113
Respiratory disease, acute, of cats, *1984*: Sept., 1017
immune–mediated, *1984*: Sept., 1058
infectious. See *Infectious respiratory disease*.
Respiratory distress, of cats, *1984*: Sept., 1008
Respiratory system, cytology of, of caged birds, *1984*: Mar., 332–334
hyperadrenocorticism and, *1984*: July, 735
hyperthyroidism and, *1984*: July, 812–814
of cat, disease of, *1984*: Sept., 1012–1018
Restrictive cardiomyopathy, treatment of, *1984*: Sept., 1031
Reticulocytes, of caged birds, *1984*: Mar., 230–231, 258
Retina, diseases of, cats and, *1984*: Nov., 1284–1286
progressive atrophy of, *1984*: Nov., 1285
Retrovirus, human, *1984*: Sept., 1141
transmission of, *1984*: Sept., 1134
Reverse transcriptase, *1984*: Sept., 955
Rhinitis, chronic, cats and, *1984*: Nov., 1179–1183
clinical signs of, *1984*: Nov., 1179
diagnosis of, *1984*: Nov., 1180–1181
etiology of, *1984*: Nov., 1179–1180
management of, *1984*: Nov., 1181–1183
Rhinoscopy, cats and, *1984*: Nov., 1180
Rhinotracheitis, feline, *1984*: Nov., 1179
Rhinotracheitis virus, *1984*: May, 504, 508–509
feline, acute infection of, *1984*: Nov., 1165–1166
carrier state of, *1984*: Nov., 1166–1168
characteristics of, *1984*: Nov., 1165
vaccine for, *1984*: Nov., 1161
Rigid optical biopsy forceps method, in caged birds, *1984*: Mar., 293
RNA virus, *1984*: Sept., 961

Sabin–Feldman dye test, of toxoplasmosis, *1984*: Sept., 1124
Scintigraphy, thyroid function and, *1984*: July, 803
Scrotum, urethrostomy of, *1984*: Jan., 82–84
Semen sample, collection of, *1984*: Jan., 6–7, 10–11
Septicemia, in caged birds, *1984*: Mar., 267–268
Serodiagnostic aid, and management practice for feline retrovirus and coronavirus infections, *1984*: Sept., **955–969**
feline leukemia virus and, *1984*: Sept., 957–959
Serum aspartate aminotransferase, of caged birds, *1984*: Mar., 262
Serum glutamic oxaloacetic transaminase, of caged birds, *1984*: Mar., 262
Serum proteins, of caged birds, *1984*: Mar., 259
Sex, genetic determination of, *1984*: Jan., 57
Shock, bacterial, hypoglycemia and, *1984*: July, 879–880
treatment of, cats and, *1984*: Nov., 1338–1342
Sinusitis, chronic, cats and, *1984*: Nov., 1179–1183
clinical signs of, *1984*: Nov., 1179
diagnosis of, *1984*: Nov., 1180–1181
etiology of, *1984*: Nov., 1179–1180
management of, *1984*: Nov., 1181–1183
in blue and go[illegible] macaw, *1984*: Mar., 268–270
respiratory infections and, in cats, *1984*: Sept., 993–994
Skin, autoimmune disease of, *1984*: Sept., 1073–1075
cytology of, of caged birds, *1984*: Mar., 339–340
lymphosarcoma of, *1984*: Nov., 1314
tumors of, of caged birds, *1984*: Mar., 378
Skunk, rabies of, *1984*: Sept., 1128
Smudge cell, of caged birds, *1984*: Mar., 256
Sodium, of caged birds, *1984*: Mar., 264
requirement of, of cat, *1984*: Sept., 1109–1110
Solar dermatitis, *1984*: Sept., 1080
Spinal cord, meningioma of, cats and, *1984*: Nov., 1291
Spleen, cytology of, of caged birds, *1984*: Mar., 342–343
Sporotrichosis, *1984*: Sept., 1069
Squamous cell carcinoma, oral cavity and, cats and, *1984*: Nov., 1174
Stain, Wright's–Giemsa, for caged birds, *1984*: Mar., 249–252
Staphylococcus, struvite calculi and, *1984*: Jan., 90
Sterilization, feline urologic syndrome and, *1984*: May, 462–463
Strabismus, cats and, *1984*: Nov., 1271
Stricture, formation of, following urethrostomy, *1984*: Jan., 97–98
Struvite, calculi of, control of, *1984*: Jan., 90
Succinylcholine, *1984*: May, 698, 701
Sulfobromophthalein, liver function and, *1984*: Nov., 1208
Sulfonylurea, hypoglycemia and, *1984*: July, 879
Surgery, equipment for, *1984*: Mar., 363–367
for caged birds, *1984*: Mar., **363–380**
preparation for, for caged birds, *1984*: Mar., 371–374, 379–380
for endocrine disorders, *1984*: July, **911–925**

Suture(s), pattern, in urogenital surgery, *1984*: Jan., 90
purse-string, *1984*: Jan., 58, 68–69
selection of, for urogenital surgery, *1984*: Jan., 90
Synovial fluid, cytology of, of caged birds, *1984*: Mar., 338–339
Systemic lupus erythematosus, feline, *1984*: Sept., 1053–1056

Telogen effluvium, *1984*: Sept., 1080
Tenesmus, of rectum, and prostatic disease, *1984*: Jan., 103, 105
Testis(es), biopsy of, *1984*: Jan., 110–112
cryptorchidism of, *1984*: Jan., 109–111
Therapeutics, in avian medicine, *1984*: Mar., **345–361**
Thiamine, requirement of, of cat, *1984*: Sept., 1109
Thiobarbiturates, *1984*: May, 696–697
Thorax, lymphosarcoma of, *1984*: Nov., 1304–1307
Threadworm, infection due to, of caged birds, *1984*: Mar., 399
Thrombocytes, of caged birds, *1984*: Mar., 246–247, 257
Thrombocytopenia, feline infectious peritonitis and, *1984*: Sept., 975
immune-mediated, *1984*: Sept., 1051–1053
Thrombocytopenic purpura, toxoplasmosis and, *1984*: Sept., 1123
Thromboembolism, arterial, clinical signs of, *1984*: Sept., 1034
management of, *1984*: Sept., 1035
of cats, *1984*: Sept., 1034–1035
cardiomyopathy and, *1984*: Sept., 1022
spontaneous, cardiomyopathy and, *1984*: Sept., 1034
Thymus, lymphosarcoma of, *1984*: Nov., 1304–1307
Thyroglobin, synthesis of, *1984*: July, 785–786
Thyroid gland, adenoma of, *1984*: July, 809
anatomy of, *1984*: July, 915
enlargement of, *1984*: July, 812
function of, glucocorticoids and, *1984*: July, 726
hormones of, age and, *1984*: July, 794–795
binding of, *1984*: July, 789–790
drugs and, *1984*: July, 793–794
extrathyroidal metabolism of, *1984*: July, 790–795
illness and, in dog, *1984*: July, 791–792
in man, *1984*: July, 790–791
malnutrition and, in dog, *1984*: July, 791–792
in man, *1984*: July, 790–791
metabolism of, *1984*: July, 788–789
obesity and, *1984*: July, 795
"poor converters" of, *1984*: July, 792–793
radioimmunoassay of, *1984*: July, 796–797
imaging of, *1984*: July, 819
of dog, biopsy of, *1984*: July, 803
function tests of, *1984*: July, 795–803
iodine metabolism and, *1984*: July, 785–786
physiology of, *1984*: July, 783–795
pituitary interaction with, *1984*: July, 787–788
thyrotropin and, *1984*: July, 786
radioiodine uptake of, *1984*: July, 818
Thyroid stimulating hormone, measurement of, *1984*: July, 798–799
tests of, *1984*: July, 800–802
Thyroidectomy, anesthesia for, *1984*: July, 823
postsurgical complications of, *1984*: July, 823–824
preoperative preparation for, *1984*: July, 821–823
techniques for, *1984*: July, 823
Thyroiditis, lymphocytic, immunologic tests for, *1984*: July, 799
Thyrotropin releasing hormone (TRH), *1984*: July, 787
stimulation test of, *1984*: July, 802
Thyrotropin (TSH), *1984*: July, 786
measurement of, *1984*: July, 798–799
stimulation test of, *1984*: July, 800–802
Thyroxine, cats and, *1984*: Nov., 1265
hyperthyroidism and, *1984*: July, 817
measurement of, *1984*: July, 796–798
mechanism of action of, *1984*: July, 784–785
of caged birds, *1984*: Mar., 265
site of, *1984*: July, 784–785
Tiletamine, renal excretion and, *1984*: Jan., 17, 19
Toenail, clipping of, of caged birds, *1984*: Mar., 225
Total plasma protein, of caged birds, *1984*: Mar., 259
Toxoplasmosis, clinical, in humans, *1984*: Sept., 1123–1124
contaminated water and, *1984*: Sept., 1122
feline, *1984*: Sept., 1004–1005, 1010–1011, 1120–1121; Nov., 1244
congenital infections with, *1984*: Sept., 1123
laboratory testing for, *1984*: Sept., 1125
modes of human infection of, *1984*: Sept., 1121–1123
transmission of, *1984*: Sept., 1121–1123
laboratory testing of, for humans, *1984*: Sept., 1124–1125
nondomestic cats and, *1984*: Sept., 1101–1102

Toxoplasmosis (*Continued*)
of cats, *1984*: Sept., 1004–1005, 1010–1011
oocyst contact and, *1984*: Sept., 1122
transplacental infection of, *1984*: Sept., 1123
Toy breed hypoglycemia, *1984*: July, 877–878
Tranquilizers, *1984*: May, 695–696
renal excretion and, *1984*: Jan., 15
Transabdominal percutaneous needle biopsy technique, in caged birds, *1984*: Mar., 295–296
Transplantation, of ureters, *1984*: Jan., 39–43
Trauma, injuries due to
of bladder, *1984*: Jan., 71–72
of female reproductive tract, *1984*: Jan., 74
of kidneys, *1984*: Jan., 69–70
of male reproductive tract, *1984*: Jan., 73–74
of ureters, *1984*: Jan., 70–71
of urethra, *1984*: Jan., 72–73
Trichomoniasis, of caged birds, *1984*: Mar., 285
Trigone–colonic anastomosis, *1984*: Jan., 124–128
Triiodothyronine, cats and, *1984*: Nov., 1265
hyperthyroidism and, *1984*: July, 817
measurement of, *1984*: July, 797
mechanism of action of, *1984*: July, 784–785
site of, *1984*: July, 784–785
Tru–Cut needle, in renal biopsy, *1984*: Jan., 8
Tumor, FeLV negative, *1984*: Sept., 1140–1141

Ultrasonography, for renal diseases, *1984*: Jan., 7
Upper respiratory disease, feline
incidence of, *1984*: Nov., 1168
vaccination for, *1984*: Nov., 1168–1170
Urachus, anomalies of
feline urinary tract infection and, *1984*: May, 628–630
feline urologic syndrome and, *1984*: May, 430
Uremia, of cats, post renal management of, *1984*: May, **609–616**
pathophysiology of, *1984*: May, 609–610
Ureter, ectopia of, *1984*: Jan., 39, 53–57
intraveous urography of, *1984*: Jan., 32, 33
substitution of, by ileal segment, *1984*: Jan., 124
transplantation of, radiography following, *1984*: Jan., 39–43
traumatic injury to, treatment of, *1984*: Jan., 70–71
ureterotomy of, for urolithiasis, *1984*: Jan., 88–90
Ureterocolonic anastomosis, *1984*: Jan., 124–128, 130
Ureterocolostomy, for feline urethra obstruction, *1984*: May, 679
Ureterostomy, for ectopic ureter, *1984*: Jan., 54, 56
Ureterotomy, for urolithiasis, *1984*: Jan., 88–90, 89
Urethra, anastomosis of, radiography following, *1984*: Jan., 44, 46
congenital defects of, surgery for, *1984*: Jan., 49–51
diseases of, diagnostic techniques for, *1984*: Jan., 10
epispadias of, *1984*: Jan., 49–51
hypospadias of, *1984*: Jan., 49–51
obstruction of. See *Urethral obstruction*.
plugs of. See *Urethral plugs*.
pressure profile of, in male cats, *1984*: May, 567–570
profilometry of, *1984*: Jan., 10, 11
retrograde urethrography of, *1984*: Jan., 34, 46
stricture of, in cats, *1984*: May, 683–689
surgery of, radiography following, *1984*: Jan., 44–46
traumatic injury to, treatment of, *1984*: Jan., 72–73
Urethral obstruction. See also *Urinary tract disease*
feline, aftercare for, *1984*: May, 596–597
antepubic urethrostomy for, *1984*: May, 679. 687–689
cystocentesis for, *1984*: May, 587–590
cystotomy for, *1984*: May, 679
cystourethrography for, *1984*: May, 564–566
diet–induced, *1984*: May, **529–536**
drug reactions in, *1984*: May, **703–712**
feline urologic syndrome and, *1984*: May, 530–535
immediate relief of, *1984*: May, **585–597**
localization of, *1984*: May, **555–566**
management of, *1984*: May, 610–613
micturation disruption and, *1984*: May, 642–643
obstructing material characteristics of, *1984*: May, 532–533
penile urethrosotomy for, *1984*: May, 678
perineal urethrosotomy for, *1984*: May, 678–682
positive contrast antegrade cystourethrography of, *1984*: May, 564–566
postoperative management of, *1984*: May, 682

preputial urethrosotomy for, *1984*: May, 678
radiographic evaluation of, *1984*: May, 560–562
retrograde contrast urethrocystography of, *1984*: May, 562–564
surgical management of, *1984*: May, **677–690**
ureterocolostomy for, *1984*: May, 679
urethral plugs and, *1984*: May, 590–596
urethral prosthesis for, *1984*: May, 679
urethrocolostomy for, *1984*: May, 679
urethrocystography for, *1984*: May, 562–564
urethrostomy for, *1984*: May, 678–679
urolith removal for, *1984*: May, 590–596
voiding cystourethrography of, *1984*: May, 564–566
Wilson–Harrison technique for, *1984*: May, 679–682
in female cats, site of, *1984*: May, 559–560
in male cats, causes of, *1984*: May, 420, 424, 586
dietary induction of, *1984*: May, 530
site of, *1984*: May, 420–421, 555–559
vs. females, *1984*: May, 421–422
Urethral plugs, of cats, *1984*: May, 490
age and, *1984*: May, 487–488
appearance of, *1984*: May, 411–414
breed and, *1984*: May, 487–488
definition of, *1984*: May, 484–487
epidemiology of naturally occurring feline uroliths and, *1984*: May, **481–491**
in males vs. females, *1984*: May, 415
lower urinary tract disease and, *1984*: May, 621
massage for, *1984*: May, 591
matrix composition of, *1984*: May, 414–415
medical prophylaxis of, *1984*: May, 670–671
mineral composition of, *1984*: May, 414, 487
muscle relaxants for, *1984*: May, 591–592
recurrence of, *1984*: May, 432
removal of, *1984*: May, 590–596
restraint for, *1984*: May, 590–591
reverse flushing techniques for, *1984*: May, 592–595
sex and, *1984*: May, 487–488
surgical techniques for, *1984*: May, 595–596
vs. uroliths, *1984*: May, 481–482
with minerals and matrix, *1984*: May, 411–415
without minerals and matrix, *1984*: May, 415–416
Urethritis, of cats, *1984*: May, 410
Urethrocolostomy, for feline urethral obstruction, *1984*: May, 679
Urethrocystography, of feline urethral obstruction, *1984*: May, 562–564
Urethrography, retrograde, in urinary tract trauma, *1984*: Jan., 64, 66, 67
Urethrostomy, antepubic, *1984*: Jan., 72–73, May, 679, 687–689
for feline urethra obstruction, *1984*: May, 678–679
complications of, *1984*: May, 682–687
perineal, *1984*: Jan., **93–102**, May, 678–682
cystitis following, *1984*: Jan., 99–100
hemorrhage following, *1984*: Jan., 98
mortality following, *1984*: Jan., 100–101
ruptures following, *1984*: Jan., 98–99
stricture following, *1984*: Jan., 97–98
technique of, *1984*: Jan., 94–97
wound dehiscence following, *1984*: Jan., 100
preputial ablation and, *1984*: Jan., 114–116
radiography following, *1984*: Jan., 44, 46
scrotal, *1984*: Jan., 83, 84
for hypospadias, *1984*: Jan., 50
permanent, *1984*: Jan., 82
Urethrotomy, prescrotal, for urethral obstruction, *1984*: Jan., 79–80
radiography following, *1984*: Jan., 44, 46
Uric acid, of caged birds, *1984*: Mar., 264
Uricult, *1984*: Jan., 5
Urinalysis, of caged birds, *1984*: Mar., 279–282
Urinary bladder. *1984*: Jan., See *Bladder, urinary*.
Urinary system, spontaneous disorders of, of cats, *1984*: May, 474–477
Urinary tract, analgesics for, *1984*: May, 631
antiseptics for, *1984*: May, 630–631
calculi in. See *Urolith(s)*.
diversion of urine in, *1984*: Jan., **123–131**
by cystostomy, *1984*: Jan., 129–130
by nephropyelostomy, *1984*: Jan., 129
by ureteral substitution, *1984*: Jan., 124
external, *1984*: Jan., 129–130
indication for, *1984*: Jan., 123–124
internal, *1984*: Jan., 124–129
into colon, *1984*: Jan., 124–128, *126*, *128–129*
into penile urethra, *1984*: Jan., 128–129
evaluation of, in trauma, *1984*: Jan., 66, 67
infection of. See also *Urinary tract infection*.
localization of, *1984*: Jan., 5–7
urine collection in, *1984*: Jan., 3–5
obstruction of, anesthesia and, *1984*: Jan., 22–23
radiography of, techniques in, *1984*: Jan., 32–34
surgery of. See *Urogenital surgery*.
traumatic injuries of, *1984*: Jan., 61–62

Urinary tract (*Continued*)
traumatic injuries of, diagnosis of, *1984*: Jan., 62–67, *67*
emergency management of, *1984*: Jan., 67–69
radiography in, *1984*: Jan., 64–66, *65*
treatment of, *1984*: Jan., 69–73
Urinary tract infection, of cats, analgesics for, *1984*: May, 631
antibacterial agents for, *1984*: May, 630
antiinflammatory agents for, *1984*: May, 633–634
antimicrobial therapy for, *1984*: May, 623–626
bacteria and, *1984*: May, **471–479**
dimethyl–sulfoxide for, *1984*: May, 633–634
epidemiology of, *1984*: May, **471–479**
glucocorticoids for, *1984*: May, 633
lower, *1984*: May, **409–438**. See also *Feline urologic syndrome*.
antibiotics for, *1984*: May, 666–667
causes of, *1984*: May, 662
curecal–feline for, *1984*: May, 668
diet and, *1984*: May, 663–665
homeopathic medicine for, *1984*: May, 669
idiopathic, *1984*: May, 630–634
medical management of, *1984*: May, **617–640**
medical prophylaxis of, *1984*: May, **661–675**
nonobstructive, *1984*: May, **617–640**
pathology of, *1984*: May, 541–552
recurrence of, *1984*: May, 432
urine acidifiers for, *1984*: May, 665–666
urine volume augmentation for, *1984*: May, 667–668
water balance studies of, *1984*: May, 538–541
medical management of, *1984*: May, 623–628
medical prophylaxis of, *1984*: May, **661–675**
methenamine for, *1984*: May, 631
methylene blue for, *1984*: May, 631
recurrence of, *1984*: May, 626
smooth muscle antispasmodics for, *1984*: May, 631–633
susceptibility tests for, *1984*: May, 623
therapy indications, *1984*: May, 622–623
urachal diverticula and, *1984*: May, 628–630
urethra obstruction and, *1984*: May, 686–687
with spontaneous urinary disorders, *1984*: May, 474–477
Urine, acid–base balance of, and calculi formation, *1984*: Jan., 90–91
acidification of, *1984*: May, 655–658
bilirubin in, *1984*: Nov., 1206–1207
collection of, *1984*: Jan., 3–5, 43
contamination of, for cultures, *1984*: Jan., 3–5
diversion of, *1984*: Jan., 123–130
leakage of, in urinary tract trauma, *1984*: Jan., 61–67
normal values of, of caged birds, *1984*: Mar., 280–282
Urobilinogen, cats and, *1984*: Nov., 1207
of caged birds, *1984*: Mar., 281
Urogenital surgery, preservation of renal function in, *1984*: Jan., 26–27
selection of drugs in, *1984*: Jan., 20–26
suture pattern in, *1984*: Jan., 90
suture selection in, *1984*: Jan., 90
trauma of, radiography following, *1984*: Jan., 42–43
Urogenital system, diagnostic procedures of, *1984*: Jan., **3–14**
diversion of urine in, *1984*: Jan., **123–131**
surgery of. See *Urogenital surgery*.
traumatic injuries of, *1984*: Jan., **61–74**
Urography, excretory, dehydration and, *1984*: Jan., 66
for pyelonephritis, *1984*: Jan., 5–6
in urinary tract trauma, *1984*: Jan., 66, 67
technique of, *1984*: Jan., 32–34
Urolithiasis, asymptomatic, *1984*: Jan., 77
care following surgery for, *1984*: Jan., 90–91
cystostomy for, *1984*: Jan., 80–81
cystotomy for, *1984*: Jan., 83, 85
nephrolithotomy for, *1984*: Jan., 83, 85–88
obstructive, *1984*: Jan., 78–79
management following relief of, *1984*: Jan., 81–82
prescrotal urethrotomy for, *1984*: Jan., 79–80
tube cystostomy for, *1984*: Jan., 80–81
of cats, *1984*: May, 410. See also *Feline urolithiasis syndrome*.
activity product of, *1984*: May, 443
ash and, *1984*: May, 520
calcium and, *1984*: May, 517–520
diet and, *1984*: May, 424, 517–525
diet as a causative factor of, *1984*: May, **513–527**
dietary minerals and, *1984*: May, 517
dietary recommendations for, *1984*: May, 649–655
diuresis for, *1984*: May, 658
formation concentration and, *1984*: May, 445
magnesium and, *1984*: May, 517–520
medical prophylaxis of, *1984*: May, 669–671
metastable region of, *1984*: May, 444–445
nucleation and, *1984*: May, 445–447
nucleation center and, *1984*: May, 514–515

oversaturated solution and, *1984*: May, 445
phosphorus and, *1984*: May, 517–520
post–prandial alkaline tide and, *1984*: May, 523
saturated solution and, *1984*: May, 444
supersaturated solution and, *1984*: May, 444
treatment and prevention of, *1984*: May, **649–660**
undersaturated solution and, *1984*: May, 443
urination frequency and, *1984*: May, 516
urine acidification for, *1984*: May, 655–658
urine volume and, *1984*: May, 516
vitamin A and, *1984*: May, 516
scrotal urethrostomy for, *1984*: Jan., 82–84
surgical therapy for, *1984*: Jan., **77–91**
symptomatic, *1984*: Jan., 78
therapy for, monitoring of, *1984*: Jan., 32
ureterotomy for, *1984*: Jan., 88–90
Urolith(s), asymptomatic, *1984*: Jan., 77
care following surgery for, *1984*: Jan., 90–91
cystostomy for, *1984*: Jan., 80–81
cystotomy for, *1984*: Jan., 83, 85, 88
diagnosis of, *1984*: Jan., 77–79
nephrolithotomy for, *1984*: Jan., 83, 85–88
of cats, *1984*: May, 488–490. See also *Feline urolithiasis syndrome*.
age and, *1984*: May, 484
breed and, *1984*: May, 484
calcium and, *1984*: May, 517–520
characteristics of, *1984*: May, 440–443
crystallization–inhibition theory of, *1984*: May, 450–451
definition of, *1984*: May, 482
epidemiology of naturally occurring, *1984*: May, **481–491**
etiopathogenesis of, *1984*: May, 443–453
formation of, *1984*: May, 452–453
growth of, *1984*: May, 451–452
infected struvite, *1984*: May, 621, 670
initiation and growth of, *1984*: May, **439–454**
location of, *1984*: May, 484
magnesium and, *1984*: May, 517–520
massage for, *1984*: May, 591
matrix composition of, *1984*: May, 442–443
matrix nucleation theory of, *1984*: May, 449–450
medical management of, *1984*: May, 619–621
medical prophylaxis of, *1984*: May, 670
mineral composition of, *1984*: May, 440–441, 482–484
muscle relaxants for, *1984*: May, 591–592
phosphorus and, *1984*: May, 517–520
precipitation–crystallization theory of, *1984*: May, 448–449
restraint for, *1984*: May, 590–591
reverse flushing techniques for, *1984*: May, 592–595
sex and, *1984*: May, 484
sterile struvite, *1984*: May, 620–621, 670
surgical techniques for, *1984*: May, 595–596
urine volume augmentation for, *1984*: May, 619–620
vs. urethral plugs, *1984*: May, 481–482
scrotal urethrostomy for, *1984*: Jan., 82–84
symptomatic, *1984*: Jan., 78
ureterotomy for, *1984*: Jan., 88–90
urethral obstruction by, *1984*: Jan., 78–79
management following relief of, *1984*: Jan., 81–82
prescrotal urethrotomy for, *1984*: Jan., 79–80
tube cystostomy for, *1984*: Jan., 80–81
Uropathy, obstructive. See *Obstructive uropathy*.
Uterus, prolapse of, *1984*: Jan., 120, *121*
traumatic injury of, *1984*: Jan., 74
Uvea, diseases of, cats and, *1984*: Nov., 1283–1284
Uveitis, FIPV and, *1984*: Sept., 980

Vaccination, against FIPV, *1984*: Sept., 964, 965
feline calcivirus and, *1984*: Nov., 1161
feline rhinotracheitis virus and, *1984*: Nov., 1161
feline upper respiratory disease and, *1984*: Nov., 1168–1170
rabies, *1984*: Sept., 1129–1130
Vagina, cytology of, of cats, *1984*: July, 943
of dogs, *1984*: July, 938–943
hyperplasia of, *1984*: Jan., 118, 119
prolapse of, *1984*: Jan., 118–120
stricture of, *1984*: Jan., 118
Vascuitis, complement–mediated, FIPV and, *1984*: Sept., 974–975
Vasectomy, *1984*: Jan., 112, 113
Vasoconstrictor agents, in urogenital surgery, *1984*: Jan., 26
Vasodilating agents, in urogenital surgery, *1984*: Jan., 26
Venipuncture, of caged birds, *1984*: Mar., 223–225
Vincristine, feline lymphosarcoma and, *1984*: Nov., 1322
Virus. See also specific types.
diagnostic sample of, from caged birds, *1984*: Mar., 168–169

Virus (*Continued*)
diseases of, of caged birds, *1984*: Mar., **299–316**
of psittacine birds, *1984*: Mar., 396–398
feline disease due to, *1984*: Sept., 1093–1100
vaccination for, *1984*: Sept., 1100–1101
feline syncytium–forming, *1984*: May, 510
feline urologic syndrome and, *1984*: May, 426–427
shedding of, cats and, *1984*: Nov., 1155
Virus neutralization test, *1984*: Sept., 963
Vitamin A, requirement of, of cat, *1984*: Sept., 1109
urolith formation and, *1984*: May, 516
Vitamin D, hypercalcemia and, *1984*: July, 899–900, 903
Vitamins, requirement of, of cat, *1984*: Sept., 1109

Water, contamination of, toxoplasmosis and, *1984*: Sept., 1122
requirement of, of exotic cats, *1984*: Sept., 1108
White bile syndrome, *1984*: Nov., 1222
White blood cell count, of caged birds, *1984*: Mar., 235–237, 252–253
Wildlife, rabies of, feline rabies and, *1984*: Sept., 1127–1129
Wounds, dehiscence of, following urethrostomy, *1984*: Jan., 100
Wright's–Giemsa stain, *1984*: Mar., 249–252

Xenobiotic, conjugation deficiency and, *1984*: Nov., 1347–1348
metabolic transformation of, *1984*: Nov., 1346–1347
Xylazine, *1984*: May, 697
renal excretion and, *1984*: Jan., 16, 17

Yeast, infection due to, of caged birds, *1984*: Mar., 277–279

Zoonotic disease, of cats, *1984*: Sept., **1117–1151**